Regulations for the equipment of the regular army.
Great Britain.
London.

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Issued with Army Orders dated 1st September, 1902.

EQUIPMENT REGULATIONS.

PARTS I. AND II.

WAR DEPARTMENT
Adjutant General's Office
NOV - 6 1902
MILITARY INFORMATION DIVISION.

AMENDMENTS.

The following amendments will be made in the Equipment Regulations, Part I. :—

V
Gen. No.
4343

Consequent on the decision that rifle calibre machine guns forming part of the armament of fortresses, and other fixed defences, are to be manned entirely by infantry, paragraph 176 will be amended to read as follows :—

176. The annual proportions of ammunition for practice and exercises will be as follows :—

		Cartridges, Machine Gun.	
		Ball for practice.	Blank.
For each unit of Cavalry, Mounted Infantry, and Infantry having machine guns actually in possession, not forming part of the armament of a station ..	Cavalry and Mounted Infantry	1,100	1,000
	Infantry	1,700	
For stations.—For each gun actually in possession, forming part of the armament		366*§	50*
Ditto ditto (in the hands of Infantry, at stations abroad)		‡	‡

* The rounds drawn for the station are to be expended under the orders of the General Officer Commanding in training the troops at the station.

‡ On infantry field carriage only, as allowed for infantry units.

§ One complete box per three guns to be taken from the ammunition of oldest date in charge as equipment of the guns.

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Issued with Army Orders dated 1st November, 1902.

104/Gen. No./2822.

EQUIPMENT REGULATIONS.

PARTS I AND II.

AMENDMENTS.

The following amendments will be made in the Equipment Regulations, Part I :—

1. Paragraph 159.—Delete words "in practice and exercise" in 1st line, and "officer and" in 2nd line.

Amend table to read as follows :—

Corps.	Rounds. For each trained soldier. Ball.	Rounds. For each trained soldier. Blank.	Rounds. For each trained soldier. Cartridges, aiming tube.	Rounds. For each trained soldier. Rank and file only. Ball.	Rounds. For each trained soldier. Rank and file only. Blank.	Rounds. For each trained soldier. Rank and file only. Cartridges, aiming tube.
Cavalry	200	30	25*	200	20	25*
Artillery, Garrison, including local companies of Royal Artillery ...	20	20	25	20	20	...
Artillery, Horse, field and mountain ...	10	10	...	20	20	...
Engineers armed with, rifle	100	40	25*	150	20	25*
Engineers armed with, carbine	100	30	25*	150	20	25*
Infantry	300	40	25*	200	20	25*
,, reservists	50‡	...	...	...	...	...
Army Ordnance Corps	30	...	25	100	20	...
Army Service Corps	30	...	25†	100	20	...
Royal Army Medical Corps	...	...	...	40	20	...
Mounted Infantry	20§	40§	...	...	...	...

54
A.O.C.
220

The footnote marked * will be cancelled, and the following substituted :—

* 10 rounds per recruit may be drawn at depôts. Aiming tube cartridges may, at the discretion of commanding officers, be exchanged for ball ammunition of equivalent value.

For footnote ‡ substitute "Should a reservist fail to reach the standard prescribed in Army Orders, a further 50 rounds may be drawn for purposes of repetition."

Footnote ¶ will be cancelled.

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2. Insert new paragraph 160A :—

160A. "Ball ammunition may be drawn at the following rates for squadron and company officers of units specifiedbelow :

"Cavalry ... 110
"Engineers ... 90 } rounds per officer."
"Infantry ... 150

3. Paragraph 161.—In line 3 the words "field inspections" will be substituted for "field firing," and the following will be inserted after line 6 :—

"For use at District Rifle Meetings"—

104 / Malta / 118

"3 rounds ball, ·303-inch, per officer and man (Regulars and Militia) on the effective strength of districts at home on 1st June each year and at stations abroad on 1st January each year."

4. Paragraph 163.—Delete words "practice and exercise" and substitute the word "use" after "for."

Amend table to read as follows :—

Corps.	For each officer, warrant officer, non-commissioned officer, and man armed with a pistol in time of war.		
	Pistol.		
	Ball.		Blank every year.
	First year.	subsequent years.	
Cavalry	100	50	20
Artillery (Horse, Field and Mountain)	100	100	10
Engineers	100	50	10
Infantry	100	50	10
Army Ordnance Corps	—	—	—
Army Service Corps	100	50	10
Military Mounted Police	100	50	—
Military Foot Police..	—	—	—

5. Paragraph 166 will be cancelled.

6. Paragraph 169.—Delete words "gallery or."

7. Paragraph 171.—Substitute the words "Musketry Regulations" for "Regulations for Musketry Instruction."

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EQUIPMENT REGULATIONS, PART II, SECTION IV.

The following will be added to Table I, Part II, Section IV of the Equipment Regulations :—

After

"Scabbards, sword, staff-sergts., &c.," — 54 / A.O.C. / 220

Insert

"Tubes, aiming, M.M. and M.E. carbines,"	·23 inch	1 per Company. 1 per Detachment where considered necessary. 2 per Depôt Company.
	brushes, cleaning ..	
	rods, cleaning ..	
Carbines, M.T.M.M. or M.E. Artillery..		

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EQUIPMENT REGULATIONS, PART II, SECTION XVI (MILITIA).

1. The following will be substituted for paragraph 105 and footnotes thereto :—

105. The following are the annual proportions of small-arm ammunition allowed—

		Rounds.						
		For each trained Militiaman present at training.				For each Recruit present at training (Officer or Man).		
		Ball.		Blank, N.C.O.'s and Men only.	Cartridges, Aiming, Tube (N.C.O.'s and Men only).	Ball.	Blank.	Cartridges, Aiming, Tube.
		Officers.	N.C.O.'s and Men.					
54 Militia Arty. 6	Royal Field Artillery, Permanent Staff	—	10	10	—	—	—	—
	Royal Field Artillery, Militiamen ..	—	10	10	—	20	20	—
	Royal Garrison Artillery, Permanent Staff	—	10	—	—	—	—	—
	Royal Garrison Artillery, Militiamen ..	—	10	10	—	20	20	—
	Royal Engineers, Permanent Staff ..	—	80	—	25	—	—	—
	Royal Engineers, Militiamen	63*	80	20	50	100	20	50
	Infantry, Permanent Staff	—	80	—	25	—	—	—
	Infantry, Militiamen	63*	80	20	50	150	20	50
	Royal Army Medical Corps..	—	—	—	—	40	20	—

* For each Officer exercised through Table B.

2. Paragraph 106 will be cancelled.

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VOLUNTEER REGULATIONS.

AMENDMENTS.

1. The following will be substituted for paragraph 774A :—

774A.—Small-arm ammunition will be allowed in the following proportions, to be reckoned from the 1st November in each year :—

All Services.			Rounds. Ball.	Rounds. Blank.	Rounds. Aiming Tube.	
For every member, whether returned as efficient or non-efficient, on the effective strength of the Corps in the Annual Return dated 1st November,	Artillery		20	10	—	V. Gen. No. 4245
	Engineers,	Submarine Mining and Electrical	20	10	25	104 Gen. No. 2822
		Other than above ..	90	10	25	
	Rifles		90	60	25	54 Gen. No. 8223

2. Paragraph 777.—As amended by A.O. 143 of 1900, is hereby cancelled.

3. Paragraph 780.—Cancel the words "for every member shown as efficient in the requisitions of commanding officers" in lines 3 and 4. The following will be substituted for the second sentence :— 104 Gen. No. 2822

"The amount of ammunition which the corps is entitled to expend during any Volunteer year (1st November to 31st October) will, however, be determined by the effective strength (efficient and non-efficient) of the unit reported in the Annual Return for that year, and quantities drawn in excess must be paid for unless they are returned to store or deducted from the demand for the ensuing year." V. Gen. No. 4245

4. Paragraph 782.—The following will be added *after* words "Secretary of State" in last line but one :—

"If, on receipt of requisitions by the Army Ordnance Department, the printed Annual Return of Volunteers for the 1st November preceding has not been received in the command, the figures given by requisitioning officers should be verified by reference to District Officers Commanding*" concerned. 57 8 2481

"The verified figures so obtained should govern the issues and should be entered on the vouchers by which the ammunition is written off charge in the accounts of the Army Ordnance Department."

Add footnote :—*"As defined in the preamble to these Regulations."

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

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1902.

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EQUIPMENT REGULATIONS.

PART I.

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AMENDMENTS.

The following amendments will be made in Equipment Regulations, Part I :—

1.—Paragraph 119, *after* "Kingdom" *add* "In the case of Units, Officers Commanding will demand the ammunition allowed in the usual way from the local Ordnance Officer, and the requisition will be forwarded to the Chief Ordnance Officer at the port of embarkation."

Omit last sentence of the paragraph.

2.—For paragraphs 120 and 121 *substitute* :—

120. The following are the stores and the proportion in which they will be placed on board ships conveying armed and unarmed troops.

Armed Troops (*on Imperial Service*).

Cartridges, small arm ball, ·303 cordite	200 per rifle or carbine to be regarded as service ammunition.

Unarmed drafts (*on Imperial Service or when going to India in freight ships* :—

For exercise during voyage	Rifles, magazine	10% of strength on board (except invalids and time expired men).
	Belts, waist	
	Frogs, sword and bayonet	
	Pouches, ammunition	
Cartridges, small arm ball, ·303 cordite	60 per rifle.	To be used in emergency only.
Handcuffs	pairs	1 per 100 men.
Rifle oil	pts. 18	per 100 arms (6 months supply).
Flannelette	yds. 31	
Pullthroughs	2	

Drafts only (*armed or unarmed*).

Bugles	1

The following will be placed on board all transports.

For recreative purposes	Clubs, infantry, No. 2	sets	4
	Dumb-bells, short, 10-lbs., Mark I	,,	12
	Boxing gloves, Bryans, champion, 14-to 16-ozs.	pairs	4
	Bars, horizontal		1

The Officer Commanding the Troops on board will be responsible for the care and custody of the stores issued under this paragraph, which will be dealt with as laid down in paragraph 123.

Before the ship sails, Commanding Officers will ascertain that the ammunition to accompany the troops has been placed on board and properly secured in the magazine.

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3.—After paragraph 122B *insert* new paragraph :—

122C. Each ship embarking remounts will be supplied, from the Remount Depôt sending the horses, with the following articles :—

Rugs, horse	1 per horse.
Shoeing tools, sets*	3 per ship.
Shoes, horse (spare), without nails (sets)	5 per 100 horses.
Nails, horse shoe, sets	20 per 100 horses.
Clippers, horse, pairs*	4 per 100 horses.
Greeners Humane Killer*	1 per ship.
Cartridges for above	50 per ship.

4.—For paragraph 123 *substitute* :—

123. The method of accounting for stores issued under the authority contained in paragraphs 120, 122b, and 122c, will be as follows :—

(1.) When an acting Quarter-Master-Serjeant is appointed to the ship, the arms, ammunition, and other stores (including books) will, under the superintendence of the Officer Commanding Troops on board, be entered by him in Army Book 165 in the form of an Equipment Ledger (*see* Appendix I). On the termination of the voyage, the ledger will be balanced and forwarded to the War Office. The stores remaining on charge will be handed over to the nearest Army Ordnance Depôt.

(2.) When an acting Quarter-Master-Serjeant is not appointed, the Chief Ordnance Officer at the issuing station or Officer Commanding Remount Depôt, will forward a list of the stores issued, to the Ordnance Officer at the port of disembarkation, when this can be ascertained. The Officer Commanding the Troops on board will, in all cases, give a receipt for the articles to the Issuing Officer, and will account for the stores at the termination of the voyage to the Ordnance Officer at the port of disembarkation. In the case of ammunition, &c., expended, the Officer Commanding will give a certificate that such expenditure has been necessary, detailing the circumstances. Deficiencies will be dealt with as laid down in the King's Regulations. Certificates relating to expended stores, and correspondence respecting deficiencies, will be attached to the voucher bringing the remainder of the stores on charge in the Army Ordnance Department accounts. If any stores are disposed of *en route* at intermediate ports, the Officer Commanding will obtain temporary receipts and attach them to the original vouchers.

(3.) The destination of the troops will, where possible, be given by the issuing accountant on the voucher striking the stores off charge.

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* Woolwich and Southampton only. The Woolwich Remount Depôt will supply tools and clippers for ships starting from London and the Southampton Depôt ships which sail from that port.

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5.—*Cancel*, Appendix II, and *substitute* :—

SURVEYS ON EQUIPMENT OF TROOPS PROCEEDING TO OR FROM INDIA.

1. The equipment of troops proceeding to or from India is transferred on payment from the Imperial to the Indian Government, or *vice versa*, at the same date at which the troops are transferred to or from Indian pay, *i.e.*, in the case of ordinary reliefs, on the day of embarking for, or disembarking from, India; in the case of Indo-Colonial reliefs at Imperial expense, on the day of disembarking in, or embarking from, India. A special survey on the equipment of troops so proceeding will always be held, for the purposes of ensuring that the equipment transferred from one Government to the other is correct and serviceable, and of affording a basis for the adjustment of its value between the War Office and the India Office.

Such surveys will be held prior to embarkation in all cases of units embarking for India; but in the case of units returning from India the surveys will be held (1), after disembarkation, if the destination of the unit is a station at home, in Egypt, or in the Mediterranean; or (2), before embarkation in India, if the unit is destined for any other station.

2. The Secretary of State for India will, under ordinary circumstances, appoint an officer to represent the Indian Government, for Surveys held at home, and, should he desire to do so, for those held in Egypt and at Mediterranean stations.

To represent the Imperial Government an Ordnance Officer will, under the orders of the general officer commanding, be detailed by the chief ordnance officer of the district in which the survey is to take place. The officer so appointed will, together with the representative of the Indian Government, constitute the Board of Survey, and the chief ordnance officer will make the necessary arrangements in direct communication with the "Valuation Officer, India Office, S.W."

Ordinary Reliefs Proceeding to India from Home and Stations Abroad.

3. When the Secretary of State for India does not send a representative, the general officer commanding will in all cases convene a special board for the survey, not less than one month before the date fixed for embarkation, constituted, when practicable, as follows :—

A field officer, not of the unit concerned, President.

A captain of the unit ... ... } Members
An ordnance officer, if available
or
An officer of another unit ... ... }

In all cases the quartermaster of the regiment or battalion will be in attendance for the purpose of affording any information the board may require.

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4. At surveys held at home the chief ordnance officer will obtain from the chief inspector of small arms, Enfield, the service of a ewer of small arms to assist the board. At stations abroad, when the viewer is not sent, expert assistance will be obtained by the board from the Army Ordnance department.

5. The following preparations for the survey will be made by the officer commanding the unit :—

(*a*) The equipment ledger will be temporarily balanced to the date of the survey, and produced before the board.

(*b*) Lists of all articles of equipment in possession of the unit will be prepared, for the information of the board, on Army Form G 836, as directed in the instructions on that form (Return A and B).

The necessary forms will be demanded in good time from the War Office by units at home, and from the chief ordnance officer of the district by units at stations abroad.

6. The survey will be taken by squadrons, batteries, or companies, each man bringing up his complete set of accoutrements in order of the lists (paragraph 5. b.), every article being separated. Cloaks, capes, great coats, and haversacks will be inspected at the same time.

7. The arms, accoutrements, and appointments of infantry staff serjeants, drummers, band and pioneers, the quartermaster's and industrial school stores, armourers' box, and artificers' and regimental tradesmen's tools, materials for repair, and any other miscellaneous articles of Government property will be inspected separately.

8. The results of the survey will be recorded and dealt with as follows :—

a) The articles included in the Indian scale of equipment, found by the board to be fit to be taken over by the Indian Government, will be entered on A.F. G. 836 (Return D.) under their years of issue. This return will be made out in duplicate, one copy will be sent through the general officer commanding to the War Office, and the second copy will be retained by the officer commanding the unit. Any new articles issued from store to replace articles found unserviceable or deficient (*vide* paragraph 9) will be entered on this return.

(*b*) The articles found by the board to be unfit to be taken over will be entered on A.F. G. 998, which will be dealt with by the general officer commanding, under section II sub-section IV of these regulations.

(*c*) Any articles on charge in the equipment ledger which are not produced to the board, will be charged against the unit and paid for before embarkation.

9. Articles required to complete the arms and equipment of the unit to Indian strength (including replacement of those condemned and found deficient by the board) will be issued by the Army Ordnance department on receipt of requisitions from the officer commanding, made out on the usual forms, accompanied by a statement on A.F. G. 837 countersigned by the surveying officers (paragraph 2) or by the president of the board (paragraph 3). The

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stores will be issued without waiting for the decision of the general officer commanding under paragraph 8. (*b*). Full information regarding the equipment to be taken to India, will be furnished to the officer commanding the unit by the Valuation Officer, India Office, on application.

10. When articles of equipment are taken to India by drafts, the officer commanding the unit to which the men belong will send to the War Office a return showing the number of articles so taken, giving the condition and dates of issue, and will name the vessel in which the men have embarked, and the date of embarkation.

11. All articles of equipment in excess of Indian scales or condemned by the board as unfit to be taken to India, except water-bottles (*see* paragraph 20), will be returned to store before the unit embarks for India. The usual vouchers will be made out, accompanied by a statement on A.F. G. 837. Any such articles taken by the unit to India will have to be paid for by the unit, or returned to England at the expense of the unit.

Ordinary Reliefs Proceeding from India to Home Stations and Stations Abroad.

12. In the case of units proceeding from India to England, Egypt, and the Mediterranean, a similar special survey will be held by a board constituted as directed in paragraph 2 or 3, as soon as possible after the arrival of the unit at its destination. When units are destined for other stations the survey, as directed in paragraph 3, will be held in India prior to embarkation.

13. In the case of inspections held after disembarkation the officer commanding will produce to the board the Indian equipment ledger showing the final balances at the date of embarkation, together with copies of the Indian returns showing the condition and dates of issue of all equipment on leaving India. When the Boards of Survey are held prior to embarkation in India, the procedure laid down in paragraph 20 will be followed.

14. The statement of articles passed by the board as fit to be taken over by the Imperial Government (*see* paragraph 8 (a)) will form the first charge in the Imperial equipment ledger, and one copy of the statement will be rendered as a voucher with the ledger. The second copy, signed by the surveying officers (paragraph 2), or by the president of the board (paragraph 3) will be handed to the representative of the Indian Government, or, in the absence of such representative, forwarded to the Valuation Officer, India Office.

15. If a representative of the Indian Government be present, he will furnish the officer commanding the unit with the necessary vouchers for disposal of any articles not taken over by the Imperial Government. In the absence of such a representative, a statement of such articles on A.F. G. 837 will be forwarded to the Valuation Officer, India Office. Any claim against the unit for the value of any articles found deficient will be prepared by the India Office. No steps will be taken to dispose of any articles not taken over by the Imperial Government until instructions on the subject have been received from the Valuation Officer, India Office.

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16. Any articles required to complete the equipment of the unit to the Imperial scale will be demanded immediately after the survey has been held on the usual forms, accompanied by a statement on A.F. G. 837. Should the survey be unduly delayed from any cause, an immediate report of the circumstances will be made by the general officer commanding to the War Office.

17. When men coming home from India join depôts or other units direct, the officer commanding the depôt or other unit will send to the War Office for transmission to the Valuation Officer, India Office, a return showing the condition and dates of issue of any articles of equipment brought home, together with the name of the vessel in which the men arrive, the date of disembarkation, and date of joining for duty. These returns will be sent in as soon as possible after the men join. In the case of men arriving from India who are not transferred to the Imperial Establishment, but are discharged immediately they arrive, or subsequently discharged, the necessary return of any equipment in their possession will be furnished by the officer to whom the articles are handed over. In lieu of the date of joining that of discharge should be given.

Indo-Colonial Reliefs at Imperial Expense.

18. Units which are to proceed to or from India as Indo-Colonial reliefs at Imperial expense will receive instructions to that effect in due course. The Boards of Survey in these cases will be held prior to embarkation or after disembarkation, as the case may be, in accordance with the provisions of paragraph 1.

19. The procedure as laid down for ordinary reliefs in paragraphs 3 to 9, and 11, will be followed in the case of units proceeding to India.

20. When units are inspected before leaving India, only the stores passed by the board as fit to be taken over by the Imperial Government will be taken by the unit on leaving India, and the statement of them drawn up by the board will form the first charge in the Imperial equipment ledger, as directed in paragraph 14. In the case of units inspected after disembarkation, the procedure laid down in paragraphs 13 and 14 will be followed.

Water-bottles.

21. Water-bottles of home service pattern will be issued to all troops proceeding to and from India, irrespectively of destination. On arrival in India these bottles will be handed over to the Indian Ordnance Department and a receipt obtained for them. On embarking from India a similar receipt will be given to the ordnance officer by the officer commanding the unit receiving the stores. These articles will be omitted from the valuation returns, but in the case of units proceeding to India they will be inspected by the surveying officers, and those condemned will be replaced before embarkation.

Note.—Armourers' tools will not, in future, be taken by units to India as regimental equipment, and the columns provided for these articles in the special forms should, therefore, be disregarded.

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REGULATIONS

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FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART

WAR DEPARTMENT,
Adjutant General's Office,
MAY - 2 1902
MILITARY INFORMATION
DIVISION.

1902.

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WAR DEPARTMENT, RECEIVED FEB 25 1909

EDWARD R.I.

WHEREAS Our Principal Secretary of State for the War Department has submitted to Us revised General Regulations for the Equipment of Our Army and the Armament of Our Works of Defence; and whereas We have been pleased to approve the same;

OUR WILL AND PLEASURE IS that these Regulations be the sole and standing authority on the matter herein treated of, excepting all matters relating to the equipment of such part of Our Army as may be stationed in Our Indian Empire; provided always, that Our Principal Secretary of State shall, until Our further pleasure be made known, have full power to make, with regard to the details of equipment, and to the general arrangements for equipment applicable in time of war, such additional Regulations, or modifications in the Regulations attached to this Our Warrant, as may be necessary in the interests of Our Service. The administration and interpretation of these Regulations shall likewise rest with Our Principal Secretary of State.

The Warrant of our Late Royal Mother dated the 15th of November, 1899, and the Regulations established thereby, are hereby cancelled.

Given at Our Court at St. James's, this 10th day of February, in the Second year of Our Reign.

By His Majesty's Command,

ST. JOHN BRODRICK.

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DEFINITIONS.

N.B.—The following terms used in these Regulations will have the signification shown :—

Unit	Units are bodies of troops each under a separate Commanding Officer who is an Accountant.
Accountant	Any Officer who receives and holds Army Equipment, and renders to the War Office a ledger account of the same.
Commanding Officer....	The Officer Commanding any Unit.
Principal Ordnance Officer....	The Officer at the head of the Army Ordnance Department at the Royal Arsenal, Woolwich.
Chief Ordnance Officer	The Officer at the head of the Army Ordnance Department in any Military Command, and the Officer in Charge of the Central Small Arms Depôt, at Weedon.
Ordnance Officer	The Officer in charge of an Ordnance Depôt.
Regimental Artificers	Non-commissioned Officers and Soldiers on the Regimental Establishment as Artificers, receiving pay as such, for the performance of special work.
Military Tradesmen....	Tradesmen enlisted as Soldiers, and receiving pay as such, but available when required for employment in their trades, receiving extra working pay.

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ABBREVIATIONS.

A. & S.	Ammunition and Store.	N.P.	New Pattern.
B.L.	Breech-loading.	O.P.	Old Pattern.
B.W.G.	British Wire Gauge.	O.R.	Other Ranks.
C.I.	Cast-iron.	P.	Pebble ($\frac{5}{8}$-inch cubical).
D.P.	Drill purposes.	P^2	Pebble ($1\frac{1}{2}$-inch cubical).
Ey.	Emergency.	R. & F.	Rank and File.
F.G.	Fine Grain.	R.B.L.	Rifled, Breech-loading.
F.S.	Field Service.	R.F.G.	Rifle, Fine Grain.
G.S.	General Service.	R.L.G.	Rifle, Large Grain.
L.G.	Large Grain.	R.M.L.	Rifled, Muzzle-loading.
L.S.	Land Service.	S.A.	Small-arm.
M.-E.	Martini-Enfield.	S.A.A.	Small-arm Ammunition.
M.-M.	Martini-Metford.	S.S.	Staff Serjeants.
M.L.	Muzzle-loading.	V.E.	Valise Equipment.
M.L.-E.	Magazine Lee-Enfield.	W.G.	Wire Gauge.
M.L.-M.	Magazine Lee-Metford.	W.I.	Wrought-iron.
M.T.	Morris Tube.	Wt.O.	Warrant Officer.

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[The amendments made in the Regulations of 1900, are denoted by a black line in the margin. As some typographical errors may have occurred in publication, it is requested that, should any be discovered, they may be at once pointed out, in writing, to the Under Secretary of State for War.]

REGULATIONS FOR THE EQUIPMENT OF THE REGULAR ARMY, 1902.

PART 1.—GENERAL REGULATIONS.

SECTION I.—DUTIES OF OFFICERS.

I.—INTRODUCTORY.

1. The following regulations for the equipment of the Regular Army and for the maintenance of the armaments of works, are promulgated for the information and guidance of officers concerned. The proportions of ammunition and stores, materials for repair, tables of duration, and details of equipment contained therein will be strictly adhered to. Regulations relating exclusively to artillery will be found in Part 2, Artillery Special Instructions and Details. No details of establishment of equipment for submarine mining, permanent telegraph, telephone and signal stations are given, special scales being authorised for each station concerned, but the general procedure as regards demand, supply, and disposal of such equipment will be as herein laid down. Strict adherence to regulations enjoined.

2. For definitions of the terms describing commanding and other officers in these Regulations *see* page iv, and for abbreviations *see* page v. Definitions.

3. In describing stores in equipment ledgers, requisitions, &c., the designations and sections of the vocabulary issued by the War Office will be strictly followed. Articles not included in the vocabulary will be headed "not in vocabulary" and grouped under the several sections to which, from the nature of the articles or their intended use, they would properly apply. They will also be described by drawings or otherwise, where requisite, in order to obviate the necessity of making further reference. In giving dimensions, feet and inches are always to be expressed in words. Nomenclature. Drawing. Dimensions.

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II.—DUTIES OF GENERAL OFFICERS COMMANDING.

General responsibility.

4. General Officers Commanding will keep themselves informed as to the condition and completeness of the armaments and equipments in their respective commands, and will satisfy themselves that the articles which would be drawn from the ordnance depôt in their districts on mobilization are serviceable, complete, and conveniently stored for issue. The entire responsibility for the efficient custody and maintenance of mobilization stores rests with the General Officers Commanding Districts.

4A. General officers commanding will cause the following mobilization equipment to be inspected twice yearly, in April and September by a board of officers :—

(1). That in possession of units.

(2). The personal equipment and ammunition held at the headquarters of regimental districts and elsewhere for reservists.

(3). The equipment held by Army Ordnance Department for ammunition columns and parks.

The following officers will sit on the board :—

Inspection of mobilization equipment.

(1). The chief ordnance officer of the district in which the equipment is stored will be a member in all cases.

(2). In the case of mobilization equipment in charge of units other than artillery, the officer commanding the unit, and in the case of Royal Horse and Royal Field Artillery mobilization equipment the lieutenant-colonel commanding the brigade division to which the unit belongs and the officer commanding the battery concerned.

(3). In the case of equipment held by Army Ordnance Department for ammunition columns and parks :—

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No. I. Park and Ist Corps Troop Column, general officer commanding R.A., Aldershot.

No. II. Park and IInd Corps Troop Column, officer commanding R.A., Eastern District.*

No. III. Park and IIIrd Corps Troop Column, officer commanding R.A., Woolwich.*

(*a.*) Infantry Divisional Ammunition Columns.*—The officer commanding the brigade division, Royal Field Artillery, to which the column is allotted for mobilization.

(*b.*) Cavalry Brigade Ammunition Column.*—The officer commanding the battery, Royal Horse Artillery, allotted to the same cavalry brigade for mobilization.

The proceedings will be transmitted to the War Office on Army Form G 1097. In the case of ammunition columns and parks it will be recorded on this form whether the warrant officer in charge separately accounts for the equipment in Army Book 183, instead of in the consolidated mobilization account of the station, and if the personnel are thoroughly acquainted with the organisation of their unit, and the packing of the material of which it consists.

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* In cases where the equipment is stored, and the Board consequently held, in a district other than that in which this officer is serving, the G.O.C. of the district in which the equipment is stored will arrange direct with the G.O.C. of the district in which the officer is serving, as to the attendance at the Board.

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Reports on Royal Artillery units will be rendered on separate forms to those on other units.

5. The General Officer Commanding will be responsible that equipment of all kinds is issued to the troops for service purposes, in accordance with the authorised proportions, but in cases in which it is found necessary that these should be exceeded, he will give authority in writing to the chief ordnance officer to provide for the requirements of the service according to circumstances.. Issues in excess of authorised proportions.

6. The General Officer Commanding will, when such issues are of an exceptionally large nature, report full details quarterly to the War Office, stating whether the issues are of a temporary nature on loan, or are to be considered as a permanent addition to an establishment. Report of excess issues.

7. In the event of any unnecessary delay occurring in the supply of equipment, the General Officer Commanding will report the circumstance, with the explanation of the chief ordnance officer, to the War Office. Delay in supply.

III.—DUTIES OF COMMANDING OFFICERS.

8. Commanding officers will be held directly responsible that their equipments, including stores held on charge by units for mobilization, are in a serviceable condition, in proper working order, complete in all their details, and in the authorised proportions unless otherwise specially ordered. They will make frequent inspections of the whole of the equipments of the men and horses under their command ; and when any defects are discovered therein, will at once take steps to have them remedied. Officers who are likely to require renewal or exchange of any considerable part of their equipment will give early intimation of the same to the Chief Ordnance Officer. Responsibility of commanding officers.

9. They will be held responsible, in the case of alterations of pattern, or of changes in the proportions in which articles forming their equipments are issued, that the necessary action is taken to provide for such changes. In case of change of pattern, &c.

9A. They will compare the quantities of mobilization stores when in their charge, as shown by the mobilization store tables of their respective units, with the remains of the stores shown at the end of their equipment ledgers on the 31st March in each year. A certificate will be furnished at the end of the ledger that this has been done, and a detail, with explanations, will be given of any discrepancies found. Mobilization stores in charge to be checked with tables.

10. Alterations of articles of equipment involving any departure from the sealed patterns, either for experiment or any other purpose, are strictly forbidden without the previous sanction of the War Office. Alterations of articles of equipment forbidden.

11. On a change of command a regimental board will be assembled to take stock of the equipment and verify the ledger balance. Both the incoming and the outgoing officers, or their representatives, should be present and sign the proceedings, which will be certified in the form shown in Appendix I and accompany the regimental equipment ledger, on transmission of the latter as laid down in that appendix. Regimental board on change of command.

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On transfer of charge of armaments.

12. In the case of a transfer of charge of the equipment of a sub-district in an artillery district, the verification of the stores in connection with the armaments by a board of officers, need not be carried out unless at the request of either of the officers concerned. Should such a request be made by either the officer handing over, or the one taking over charge, the officer commanding Royal Artillery will appoint a board of officers for the purpose. Should no board be assembled, the officer taking over charge will be held responsible for the correctness of the stores taken over by him, as shown by the balance on the 31st of the previous March, subject to the variation caused by subsequent duly vouched store transactions.

Deficiencies in equipments.

13. When deficiencies or damages are discovered on a transfer of the equipment and stores, the value of the articles deficient, or the cost of making good the damages, will be recovered from the officer giving over the command, unless he has been relieved of the responsibility by authority of the War Office. Where any loss, injury, or deterioration of equipment, other than personal, is clearly traceable to the neglect of a subordinate, the commanding officer who is liable may apply through the General Officer Commanding to the War Office to be relieved of the cost of replacing or repairing such equipment. In the case of personal equipment the usual steps will be taken to recover the cost of replacing or repairing.

Information to Army Ordnance Department.

14. In order to facilitate the maintenance of the equipment reserves, commanding officers will at all times furnish the ordnance officers with such information as they may require regarding the state of the equipments in their charge.

Correspondence with Army Ordnance Department.

15. All communications connected with the supply of equipment, whether authorised by, or in excess of, regulation, will be addressed to the chief ordnance officer, who will, if necessary, take the orders of the General Officer Commanding on the subject.

Delay in supply.

16. The commanding officer will bring to the notice of the General Officer Commanding any undue delay in the supply of any articles of equipment.

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SECTION II.—GENERAL SUPPLY OF EQUIPMENT.

(Paras. 17 to 21 cancelled.)

I.—REQUISITIONS FOR EQUIPMENT.

Requisitions to be made direct on chief ordnance officer.

Preparation of.

22. Officers who are direct accountants with the War Office for any portion of the service equipments will put forward requisitions for munitions of war, stores, and materials, to maintain the equipments for which they severally account, as well as for those required for the training and service of their units generally. The requisition will be prepared on the authorised forms in accordance with the nomenclature in the priced Vocabulary of Stores, and a separate form (or separate division of such forms as are divided by perforation) will be used for the Weedon and each of the Woolwich sections affected, and every section will bear the regimental or corps office stamp; the purpose for which the stores are required must be clearly shown, as well as the strength of the unit, the complete establishment or proportion of equipment allowed by regulation, the authority under which the stores are demanded, and the quantities in charge. The time that equipment to be replaced has been in use will also be stated in the case of those articles to which a period of duration has been assigned. Requisitions will be sent direct to the chief ordnance officer by the officer requiring the stores on the dates given in paragraph 24. When stores, ammunition, or equipment are demanded on payment, the requisition will be endorsed to that effect in red ink. In cases where the forms are prepared for the carbon process, requisitions will be rendered in duplicate. In the case of long requisitions with printed descriptions, which are not prepared for the carbon process, they will be completed in manuscript and rendered in duplicate.

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Mobilization Tables to regulate peace establishments.

22A. The equipment of units laid down in the mobilization store tables (Army Forms G 1098) will regulate the peace (except materials for repair and preservation of equipment, the proportions of which are laid down in Equipment Regulations) as well as the mobilization establishments. In framing demands for articles on the peace establishment, commanding officers will refer to the paragraph or table of the Equipment or other Regulations, which authorises the issue of the peace equipment applied for, but the demand will in all cases be in accordance with the establishment of equipment laid down in the latest issues of the mobilization store tables.

23. *See* para. 279.

Requisitions to be made periodically.

Exceptional requisitions.

24. Requisitions for equipment, for materials for its preservation, and for veterinary stores (*see* paragraph 264), will, except in cases of emergency, be made quarterly, on the 1st March, 1st June, 1st September, and 1st December. An exception as regards veterinary stores will, however, be made at Woolwich, where the requirements of the troops will be provided for by the district veterinary officer; and the following classes of stores will also be

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treated exceptionally :—materials for the repair of arms (including mineral jelly, rifle and Rangoon oil, used for cleaning and preservation), accoutrements, harness and saddlery, and artificers' tools, which will be demanded annually, on the 1st March ; stable necessaries and materials for the repair of carriages, which will be demanded on the 1st September ; and practice and exercise ammunition as laid down in Part 1, Section VII. Camp equipment will be demanded when required, under Part 1, Section X. Paint will be demanded when most convenient to those requiring it.

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Articles not to be replaced unless thoroughly unserviceable.

25. Requisition will not be made for equipment to replace articles deemed unserviceable, until the commanding officer has satisfied himself that they are thoroughly unserviceable or cannot be repaired by the means at his disposal, notwithstanding that such articles may have already been in use for the period of duration assigned to them under Part 1, Section XVIII. Special authority will be required to support the exchange of any equipment still serviceable, or capable of being repaired regimentally.

On change of pattern.

26. On notification of a change of pattern, involving the immediate withdrawal of that in use, requisitions will be made without delay for the new equipment ; but a commanding officer is not entitled to demand any article from store on account of any preference which he may have for a particular pattern.

Equipment to be completed before going on service abroad.

27. When units are ordered abroad, commanding officers will at once make requisition upon the chief ordnance officer, for all articles required to complete the equipments of their corps, according to the scales authorised for the particular service.

From officers commanding detachments, who are not accountants.

29. Officers commanding detachments who are not accountants, requiring articles of fixed equipment, will prepare and forward the requisitions for the same to the officers commanding their respective units for signature, before sending them to the Army Ordnance Department. When the stores are issued, a temporary receipt will be taken by the ordnance officer from the officer in command of the detachment, until the usual vouchers have been passed between the ordnance officer and the head-quarters of the unit. Should the articles be urgently required, the ordnance officer will make the issue at once, and the officer commanding the detachment will be responsible for the stores until he has procured a covering requisition from his commanding officer, and the vouchers have been passed.

Intermediate requisitions objectionable.

30. To obviate the necessity for intermediate demands, officers commanding will cause an inspection of the equipment to be made before preparing the quarterly requisitions. To meet immediate and unforeseen requirements, spare articles of equipment are supplied. Where accoutrements are lost, as for example through desertion, or arms are damaged to such an extent that the armourer cannot repair them, the wants can be temporarily met by using the equipment of men who are for the time non-effective.

Issues on payment.

31. Articles of store are not as a rule issuable to commanding or other officers on payment, in time of peace, except by order of the War Office. But small-arm ammunition, and also arms, accoutrements, or saddlery, of Service patterns which form part of an officer's regulation equipment and which he may require for his own personal use, may be issued on prepayment. Carbines and rifles may be issued under the conditions laid down in Appendix XVI.

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32. The value of stores issued on repayment, and of ammunition under paragraphs 164, 168, 168A, and 169, will be recovered by the district paymaster, priced vouchers on Woolwich Form 1, being furnished by the Principal Ordnance Officer, Woolwich, and on Army Form G 982, by other ordnance officers making the issue. The officers commanding corps to whom issues are made will forward the vouchers to their district paymasters, so that it may be shown where the value is credited, before returning them to the Army Ordnance Department. Mode of repayment.

33. Stores for maintaining equipments, or for special service, are not to be appropriated to other purposes without special authority, obtained through the chief ordnance officer. Misappropriation of stores.

34. When stores have been reported as ready for issue, the troops will, if within a reasonable distance from the store depôt, arrange for their conveyance. Troops to draw their own stores.

36. The supply of all equipment, except ammunition, due to units proceeding from one district to another, will be dealt with in the Army Ordnance Regulations. Supply. *See* A.O. Regulations.

37. When field companies of the Royal Engineers exchange stations, a portion of the equipment will be left behind by the out-going company and taken over by the in-coming company at each station. An officer of each company will proceed, within a week in advance, to the new station, to take over the stores to be left behind by the out-going company. The transfer of stores will be carried out in the manner laid down in paragraph 90. Equipment left behind on change of station by R.E.

A list of the stores that will usually be transferred by field companies is given in Part 2, Section X.

37A. When companies of the Army Service Corps exchange station, between England and Ireland, all the equipment, and material for its repair, &c., &c., held on charge, and detailed in Part 2, Section III for a Service Company, excepting arms, accoutrements, trumpets and bugles, will be left behind by the outgoing company, and taken over by the incoming company at each station. Ditto by A.S. Corps.

An officer and non-commissioned officer of each company will proceed in advance in sufficient time to the new station, to take over the stores to be left behind by the outgoing company.

The transfer of stores should be conducted under paragraph 90. The ammunition will be disposed of as laid down in paragraph 64.

Any stores due from the Army Ordnance Department to the outgoing company on requisitions, to complete or repair articles left behind, should be issued to the incoming company.

38. When the requisitions for camp equipment or materials for repair are large, the equipment forms with printed details will be used; but when small, the blank forms provided for such cases, Army Forms G 997 and G 1027, will be rendered. Forms for requisitions.

39. Tools for mounted services are issued to units, and held on charge by them in complete chests, and will be so demanded when required. Tools.

40. When small quantities of tools are required to be exchanged as unserviceable, they will be shown in detail in the requisition, for which purpose, either Army Form G 997, or a manuscript requisition may be used. Exchange of tools.

41. All vehicles of service pattern, whether in store or as equip- Straps, &c., for vehicles.

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ment in possession of troops, should at all times be complete with the straps and other articles appertaining to them, as laid down in the Table of Accessories, Components, and Spare Parts. These articles should be in the custody of the officer who has the vehicles in charge. Artillery wagons in possession of cavalry units will only hold the "other articles" on charge in the proportion laid down in Section II, Part 2 of Equipment Regulations.

II.—RECEIPT AND INSPECTION OF EQUIPMENT.

Inspections of packages on receipt from carriers.

42. When equipment is received by the troops the officers or others receiving it will, before giving a receipt to the carrier, ascertain that the various packages are in good order and condition. Should any appear to have been damaged in transit, either by wet or otherwise, or to have been tampered with, the circumstances will be recorded on the bill of lading or carrier's note, and pointed out to the person conveying the stores, the packages being opened, if necessary, in his presence.

Inspection.

43. The stores will be examined, as soon as possible after receipt, in the presence of not less than two officers, one being the officer responsible for the equipment, or an officer deputed by him.

Weighing of stores.

44. All packages will be weighed before being opened, and the ascertained weight compared with that marked on the outside Should these weights differ in any instance, the contents will be at once counted, and compared with the numbers given on the packing note which each package should contain.

Number and weight.

45. Stores received by number and weight will be both counted and weighed.

Discrepancy.

46. In reporting any discrepancy, the fullest information will be given, all numbers and weights, and any marks upon the packages giving evidence of their having been tampered with, being carefully recorded. The packages, with their notes and all wrappers, will be retained until the inquiry closes.

Inspection of equipment.

47. The equipment will be carefully inspected, to determine that the articles delivered agree with the particulars in the vouchers, and that they are correct in point of quality and pattern.

Receiving officer's liability.

48. Should the above precautions be omitted, the officer receiving the stores will render himself liable for any discrepancies.

Ammunition and explosive stores in hermetically closed cases.

49. The hermetically closed cases in which fuzes, tubes, and certain other articles are issued, will not be opened until the contents are required for use. These cases with their contents, as well as packages containing small-arm ammunition and gunpowder, will be taken on charge unopened. Any defects or discrepancies which may be discovered when the stores are subsequently inspected or used, will be at once reported, and all names, dates, and marks upon the cases will be quoted.

Objections to equipment.

50. Objections that may arise on the ground of equipment being of an inferior quality or of an obsolete pattern, or for any other cause, will, if possible, be made by the commanding officer before the articles are taken on charge, as after the receipt has been signed the responsibility for the condition of the stores will devolve upon him. Serviceable articles are not to be objected to on account of their being part worn.

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51. Should any discrepancies be discovered, or any articles be found damaged or unsuitable, the commanding officer, after endeavouring to ascertain the cause of loss or damage, will bring the matter to the notice of the chief ordnance officer of the district from which the issue had been made. Report of discrepancies.

51A. In all cases in which the reports of officers commanding, or others, bring to notice inferiority of quality or pattern, the matter will be reported to the War Office if the General Officer Commanding considers further action necessary. Report to War Office

52. A commanding officer in receipt of articles of equipment which are not brought on charge, will, pending the result of a report on their condition, be held responsible for their safe custody until a decision has been given as to their disposal, when he will either take them on charge or return them to store, as may be ordered. He will also be held responsible for the immediate return to store of any equipment issued to him, which, in cases of emergency, he may be unable to take on charge. Should he fail to carry out these instructions, he will be liable for any loss that may ensue. Commanding Officers responsible for safe custody of stores not taken on charge.

III.—RETURN OF EQUIPMENT INTO STORE.

53. Whenever it becomes necessary or advisable to return equipments into store, except such as have been replaced on requisition, commanding officers will make application to the chief ordnance officer to receive them, stating their description, number, the time they have been in use, and the reasons for returning them into store; the authority, if any, should also be quoted. Application to return equipment.

When guns, carriages and slides, for drill, practice, time, saluting, or instructional purposes, are unserviceable, demands to replace them may be put forward without reference to the War Office, but no replacement of guns, &c., in the armaments, and batteries of Horse, Field, or Mountain Artillery, or volunteer batteries of position, should take place without previous reference to headquarters, unless under very exceptional circumstances, when the matter should be immediately reported.

The disposal of the unserviceable guns, &c., which are to be replaced, or of any others which are of obsolete pattern, and no longer required, will be dealt with by the Principal Ordnance Officer, Woolwich, and full information as to their value, if proposed for sale locally, or cost of removal to store, should accompany demands for new guns, or suggestions for the disposal of obsolete ordnance, &c.

54. (Cancelled—*see* para 25.)

55. When stores are returned to the Army Ordnance Department, vouchers will be prepared in triplicate by carbon process on A.F.G. 1033. A separate division (as divided by perforation) will be used for the Weedon and each of the Woolwich Sections, and every section will bear the regimental or corps office stamp. The vouchers will be signed by the consignor; and one copy, duly signed by the consignee, will be returned as soon as practicable after the stores have been received. When stores are passed to other accountants, the vouchers will be prepared in duplicate only. Vouchers and receipts for returned stores.

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56. When stores are returned from a distance, vouchers will be sent by post, on the same day that the stores are despatched, to the ordnance officer to whom they are consigned. The date and Vouchers for stores returned from a distance.

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number of the order directing the return of the stores will be inserted in the headings of the vouchers, and a corresponding date and number will be conspicuously marked on the outside of each case or package, so as to enable the consignee to identify them immediately on receipt. Each case, bale, or package will be weighed, and the weight marked upon it.

O. C. to arrange for return of stores.

57. Commanding officers will make their own arrangements, as in the case of issues (*see* paragraphs 34 and 58), for the return of unserviceable and surplus equipments into store in camp and garrison.

Articles improperly returned.

58. Issues of regimental equipment, such as arms, accoutrements, harness and saddlery, to replace similar unserviceable articles in possession of a unit quartered at a station where there is an ordnance depôt from which the supply of the new will be received, will not be made until the unserviceable articles have been returned to the Army Ordnance Department, inspected, and condemned. The day and hour for exchange should be arranged for by communication between the ordnance officer and the officer commanding.

When the unit is quartered at another station the new articles will be supplied prior to the return of the unserviceable, and the officer commanding will, upon receipt thereof, immediately return the unserviceable, and will not cause any corps marks to be placed upon the new equipment until he receives notification from the ordnance officer that the articles returned are considered to be in a state for condemnation. The inspection and notification by the Army Ordnance Department will be carried out immediately the stores are received. Should any of the equipment so returned be found, on receipt by the Army Ordnance Department, to be not unserviceable, or still capable of repair by regimental artificers, the chief ordnance officer will call upon the officer commanding to furnish an explanation for the information of the General Officer Commanding, who will decide whether the troops should be held liable, or a board of officers be assembled to investigate the matter. If it is decided that the articles have been improperly returned they will be sent back to the unit and the new articles issued returned to the Army Ordnance Department, the cost of carriage unnecessarily incurred being defrayed by the officer commanding the unit concerned.

Articles unserviceable from unfair usage.

59. Should it be considered that any articles returned as unserviceable have become so from unfair usage while in possession of the troops, the chief ordnance officer will also bring the same to the notice of the General Officer Commanding who will determine, by means of investigation of a board of officers, or otherwise, whether the troops are liable.

Surplus equipment.

60. No reduction in any authorised equipment will be made without the sanction of the War Office. If, owing to an authorised reduction, or any other cause, officers who are accountants have on charge surplus stores or equipments not likely to be again required within a short period, the General Officer Commanding will decide whether they shall be retained or returned to store. If a reduction in the establishment of men or horses be authorised, the stores to be disposed of will be the actual complete sets of equipment in use by the men or horses drafted to other corps or otherwise dealt with as supernumerary.

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61. Commanding officers will, previous to change of station, obtain authority from General Officers Commanding to return to the Army Ordnance Department such stores of a bulky nature as they can temporarily dispense with, and, on receiving such authority, will apply to the ordnance officer receiving them for a certificate of their quantity and condition. They will then be enabled, on reaching their destination, to draw from the Army Ordnance Department, on this certificate, an equivalent supply if necessary. Return o stores by outgoing unit.

62. When it is not advisable to return these stores, as for example, should there be no ordnance depôt at the station to which the unit is proceeding whence a fresh supply could be obtained, they will be taken with the corps, and public conveyance will be provided; but if this be not practicable, and expenses are incurred for carriage from one station to another, the charge must be supported by a list of the stores, and a certificate from an officer of the Army Service Corps that army transport could not be provided. Stores when to be taken with outgoing unit.

63. All equipments issued to meet the purely local requirements of a station will be returned to store by outgoing units, unless they are required to be handed over to the incoming unit, when the transfer will be effected through the Army Ordnance Department. Return of stores used locally.

64. Except in the case of a mobilisation, the small-arm ammunition in charge of troops, whether service or practice ammunition, will be returned into store previous to their departure from a station, with the exception of a sufficient quantity to provide the guards and escorts with 20 rounds for each man. If no ordnance depôt exists at the station, it will be handed over to an officer of the Army Ordnance Department deputed to receive it, who will at once note thereon the condition in which it was received by him. The service and practice ammunition are to be shown separately on the vouchers. The officer who gives over the ammunition will be furnished with a proper receipt, which will be the authority for the unit to draw a similar quantity at the new station (*see* paragraph 173). The ammunition given into store in boxes with unopened linings will be available for re-issue to other units, and cannot be objected to. Return of small-arm ammunition by troops on change of station.

65. When stores are issued on loan from the Army Ordnance Department (as for instance, for the service of moving ordnance on re-armament), the commanding officer to whom they are lent will be held responsible for returning them as soon as the object for which they have been issued has been accomplished. Stores issued on loan to be returned when no longer required.

66. In order to ensure that stores issued on loan are not lost sight of, and to enable any necessary subsequent disposition of the stores to be arranged, the chief ordnance officer will ascertain at half-yearly intervals, the date of the probable return to store of the articles. When the stores have been supplied specially from Woolwich, this information will be reported to the principal ordnance officer. Half-yearly inquiry.

67. The utmost vigilance is required on the part of officers returning stores, in order to guard against explosive stores being returned into ordinary store depôts, instead of into the magazines, as well as to preclude the possibility of lucifer or other matches, iron nails, &c., being left among stores of any kind. Explosive stores and matches.

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Return of empty cases and packages.

68. Commanding officers are responsible that all chests, cases, barrels, and cylinders, received with equipment of any kind, are handed over as soon as they can be dispensed with to the Army Ordnance Department; and, if possible, without cost to the public. The packages will be addressed:—The Ordnance Officer————. From the Officer Commanding at————.

Empty ammunition packages to be examined.

69. All empty ammunition or powder barrels, or packages, will be most carefully examined to see that they are free from iron tacks in the head, and grit and dirt on the staves, before being returned into store.

Carrier's note to accompany stores sent by carrier.

70. When stores are returned by carrier, a carrier's note, Army Form G 980, detailing the number, description, and weight of packages, bundles, and loose articles, and the number of articles contained in each bundle, will be delivered to the carrier. For explosive stores and those conveyed at owner's risk rates by railway in Great Britain, Army Form G 996 will be used in lieu of Army Form G 980 (*see* Allowance Regulations).

Inventory in each package.

70A. When stores are returned into store in packages, an inventory, on Army Form G 1028, of the contents, signed by the packer, and also, if practicable, by the person witnessing the packing, will be placed in each package.

Convoy notes to be given to the officer commanding a convoy.

71. When stores are forwarded by convoy or under escort, convoy notes, Army Book 158, will be delivered to the officer commanding the convoy or escort, or to the conductor, and the following course will be observed:—

Convoy notes to be prepared in triplicate.

(*a*) The officer in command of the escort, or the conductor, will satisfy himself that the stores agree with the account given to him, in order that there may not be any subsequent questions as to the correctness of the convoy notes, three of which will be filled up. These will be signed by the officer despatching the stores, and a receipt will be taken on one of them from the officer commanding the escort or from the conductor. The receipted note will be retained by the consignor, and the other two will be carried by the officer commanding the escort or by the conductor to the consignee. One of these will be receipted, and returned to the officer or conductor, and the other kept by the consignee. The day and hour of departure will be inserted upon the convoy notes by the consignor, who will forward the proper issue voucher for the signature of the consignee. In forwarding ammunition it will always be kept separate from other stores (*see* paragraphs 184 to 197).

Convoy notes, &c., for stores delivered into store.

(*b*) When stores are received from troops, the ordnance officer will demand from the officer in charge of the escort, or from the conductor, the convoy notes, or other receipt vouchers, and having found the articles to be correct, he will return one copy receipted to the officer or conductor, forwarding the usual receipts to the consignor as soon as possible. Should, however, the regular receipt vouchers not be forthcoming, the stores will nevertheless be received; and the ordnance officer will report the omission to the consignor, to whom he will at the same time forward a receipt for the stores actually received.

Deficiency or loss of stores.

(*c*) When the stores do not agree with the convoy notes, the ordnance officer will inquire into the cause of disagreement. If it appears to arise from negligence or fraud, such measures will be taken as may be requisite in order that the offender may not escape

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punishment. If it appears to arise from just and fair causes, the ordnance officer will obtain a certificate of any such deficiency, damage, or loss, before the officer in command of the escort or the conductor can be discharged. Should a court of inquiry be necessary, the chief ordnance officer will apply for one to the General Officer Commanding.

Return of cartridge cases.

72. The cases of all small-arm ball and ·303-in. solid case blank cartridges supplied gratuitously, will be brought on charge by certificate and returned each year to the ordnance stations from which they were issued, to the extent of at least a weight equal to 90 per cent. of the ball, and 50 per cent. of the blank, expended during the year. The cases will be brought on charge by weight and not by number, at 23 lbs. per 1,000 cases to be returned. Any deficiency in these weights will be charged for at 5*s.* 4*d.* per 23 lbs.

Value of to be refunded.

The value of the empty cases of cartridges obtained on payment will be refunded at the above rates to the officer who purchased them on his returning them to store. The number and date of the ordnance voucher on which the cartridges were received should be quoted on the pay-list voucher of the officer charging the value of the empty cases.

Mode of return to store.

The cases will be returned to store in the empty ammunition packages, not oftener than once a quarter, and officers commanding will not return a less weight than that representing 1,000 cases, except in the last quarter of the year, when the outstanding balance, whatever it may be, will be sent in. The cases are expected to be in good condition when returned, care being taken that grit and dirt are removed as far as possible beforehand; and each consignment will be accompanied by a certificate of the commanding officer that he has caused the contents of each package to be carefully sorted, and all live cartridges taken out. In the event of any live cartridges being found in any of the packages, the empty cases in that package will not be credited to the corps concerned, but will be brought on charge by certificate in the Army Ordnance accounts.

Minimum quantity to be returned to store.

Empty small-arm cartridge cases will be taken on charge by certificate receipt vouchers to the extent, at least, of the percentages above laid down, and will be accounted for as returned to store, or as paid for if not forthcoming in the proper proportions.

IV.—ANNUAL INSPECTIONS, BOARDS OF SURVEY AND COURTS OF INQUIRY.

Joint inspection by O.C.R.A., C.R.E., and C.O.O.

73. The Officer Commanding Royal Artillery, the Commanding Royal Engineer, and the chief ordnance officer, will at least once a year, or whenever necessary, make a joint inspection of works, magazines, stores, workshops, &c., of all their departments, in order that each officer may have an opportunity of calling special attention to his requirements on the spot. When circumstances make it appear advisable, the officer or officers in local command or charge may be delegated to carry out this inspection. Advantage should be taken of this inspection to consider and discuss on the spot the requirements of the defence and the manner in which they should be met.

Boards for condemnation of stores.

74. Condemnations of stores must be supported by proceedings of garrison boards where boards are requisite.

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Full explanation to be given.

75. Articles of equipment which may become unserviceable, owing to accident or otherwise, before the expiration of the period fixed for their duration, are not to be written off charge, nor is the loss to be borne by the public, unless the reason for the article having become unserviceable is fully set forth.

Course to be followed when losses, &c., occur.

76. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the course laid down in the King's Regulations will be followed.

Decision of G.O.C. or War Office to be attached to requisition.

77. The original report will be forwarded to the chief ordnance officer for submission to the General Officer Commanding, and will be accompanied by Army Form G 998, duly filled in, and where stores are required to be replaced a copy of the decision of the General Officer Commanding, or of the War Office, as the case may be, will be attached to the requisition upon the Army Ordnance Department for the replacement of the stores.

Reports of commanding officers, and courts of inquiry.

78. Reports of commanding officers referred to in the preceding paragraph, and proceedings of courts of inquiry, when they refer to arms, must be confined to arms, and must not include reports on other equipment. The number on the barrel, as well as the regimental number of the arm will be recorded therein (*see* paragraph 117).

Directions as to sending damaged arms to C.I.S.A.

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79. When a damaged arm or barrel (*see* paragraph 343) is sent to the chief inspector of small arms for special report, a label stating the circumstances and giving the reference number and date of any War Office orders, or proceedings of courts of inquiry, will be attached to the arm or barrel for identification.

An ordnance officer to be a member of the court of inquiry.

80. If there be an officer of the Army Ordnance Department available who is not the chief ordnance officer, he will serve as a member of courts of inquiry, where necessary, under the foregoing instructions. The proceedings of such courts will be transmitted in duplicate by the president, direct to the chief ordnance officer, who will submit them, with his views, to the General Officer Commanding. After the General Officer Commanding has recorded his decision the chief ordnance officer will send one copy to the officer commanding the corps concerned, to serve as his authority to write off the stores or demand new articles to replace them.

Losses incurred by R.A. in moving heavy stores.

81. If the loss or damage has occurred when the Royal Artillery have been employed in moving heavy stores, the officer in charge of the operation should, in giving evidence, produce a statement showing distinctly the materials used, their actual dimensions, the strain calculated to be borne by them, the actual weight to be lifted, the distance through which the stores are to be lifted vertically or horizontally, and, in the case of sheers, the angle of inclination.

Stores of a technical nature.

82. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Roy Engineers, or any particular service, the General Officer Comman ing will, when necessary, call for the written opinion of the local head of the department concerned before finally dealing with the matter. Such opinion will form part of the proceedings forwarded to the War Office in cases where this is necessary in

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accordance with the instructions laid down in the King's Regulations dealing with these subjects.

83. Surveys on the equipments of troops proceeding to or returning from India, will be held in accordance with the instructions in Appendix II. Surveys on equipments of troops proceeding to or returning from India.

V.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST CORPS.

84. Every officer receiving any equipment, service ammunition, or money for the purchase of equipment, will keep and render accurate accounts thereof, and until these accounts have been examined and allowed, he will not cease to be responsible. He will obtain receipts on the proper Army Forms for all articles leaving his charge. Duty of officers to account.

85. Accountants will record in equipment ledgers all transactions connected with ammunition and stores, except as provided for in paragraphs 86 and 219. Detailed instructions for keeping these ledgers are given in Appendix I. Stores for submarine mining and for permanent military telegraph, telephone and signal stations will be accounted for, when in the custody of the Royal Engineers, as laid down in the Regulations for Engineer Services. Regimental and staff ledgers.

86. Materials for repair, and other consumable articles (except ammunition) drawn upon regulated scale will not be taken on charge in the equipment ledgers; but any quantities remaining unused at the end of the year will be shown as in possession in the requisition for the next year's supply. Packages will be accounted for. Materials for repairs, &c. Packages.

87. Ammunition, unless issued on payment, will be taken on charge in equipment ledgers. Quantities drawn for consumption will, as expended, be written off charge by quarterly expense vouchers, signed by the commanding officer. On these vouchers will be given full particulars of the numbers of men, &c., and the paragraphs of regulation or authorised scales of expenditure covering the issues. Ammunition.

88. Articles required to replace stores lost or rendered unserviceable, and chargeable against the troops, will be demanded quarterly in accordance with paragraph 24; the unserviceable articles will be returned to the Army Ordnance Department, and the deficiencies written off charge on Army Form P 1925 at the end of each month. The value of the lost, or unserviceable stores (*see* paragraphs 95 and 96) will be credited to the public in the pay list on Army Form P 1963. The equipment issue voucher for the old stores struck off charge, will give a direct reference to this credit, and the requisition for stores in replacement will quote the equipment issue voucher. Articles chargeable to troops and replaced.

88A. When lost stores, which have been paid for under paragraph 88, are subsequently found, the commanding officer will return them to the Chief Ordnance Officer with a reference to the account in which their value was credited. The General Officer Commanding, on satisfying himself that the articles returned are actually those for which the troops were charged, and that the amount stated was duly credited, may, if the vouchers by which their value was credited in the pay list, and by which they were Stores lost, paid for, and subsequently found.

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struck off charge in the equipment ledger, are still in the district, authorise the district paymaster to refund the money. A reference will be given to the voucher of the ordnance accounts on which the stores were brought on charge after being found.

Articles replaced and not charged to troops.

89. When stores on equipment ledger charge are condemned by proper authority as unfit for further service, or are lost or damaged through no fault of the troops, the dates and registration numbers of reports of boards of survey or other authority will be quoted upon the equipment issue voucher by which they are struck off charge. The reports of boards of survey or other authority will in every case be transmitted to the ordnance officer in support of the requisition when new stores are required, and will be attached to the issue voucher of the ordnance account from which they are supplied. In cases where lost stores are not required to be replaced, the proceedings of the court of inquiry will be attached to the expense voucher by which the articles are written off charge in the equipment account.

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89A. Unserviceable stores on equipment ledger charge of a unit may, under proper authority, be sold locally, to save the expense involved in transporting them to the nearest Army Ordnance Depôt. Stores so sold should be written off charge in the equipment account by certificate voucher on Army Form P 1957. The Paymaster to whom the amounts realised have been paid should duly certify this voucher, and the Chief Ordnance Officer of the district should approve it, before the stores are delivered to the purchasers.

Transfer of stores from one charge to another.

90. No articles of equipment will be transferred from one equipment ledger charge to another except as allowed by regulation, or under authority of the General Officer Commanding, obtained through the chief ordnance officer. Such transfers will be reported to the War Office, and supported in the accounts by vouchers upon which the authority for the transfer should be quoted. When either of the officers concerned desires that an ordnance officer should be present at the transfer, one will be directed to attend, if available, on application. The above does not refer to transfers of equipment from one commanding officer to another on a change of command, which are governed by paragraph 11, or to transfers of submarine mining equipment between the store and vessel ledgers (Army Books 247 and 19).

Custody of arms and accoutrements of army reserve.

91. Officers commanding regimental districts will be held responsible for the care and safe custody of such arms and accoutrements as may be kept in store at regimental depôts for issue to the army reserve. These stores will not under any circumstances be taken into use without previous authority from the War Office; and will be accounted for in separate columns of the equipment ledger under the head of "reserve." (*See* paras. 327–9.)

DP. arms and arms for aiming tubes.

92. The unserviceable arms issued for drill purposes will be accounted for in the equipment ledgers, in a separate column, headed "rifles (or "carbines), D.P.," and the arms for aiming tubes in a separate column, headed "rifles (or "carbines), for aiming tubes only."

Equipment accounts of detachments.

93. Officers commanding the following detachments will become direct accountants for their equipment. On the formation of a

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detachment, a new account will be opened, and the equipment taken on charge by voucher from, the unit or units furnishing the men. The General Officer Commanding will report to the War Office the circumstances rendering the opening of a fresh account necessary :—

(*a.*) Depôts of cavalry regiments in the colonies and Egypt. **Cavalry depôts.**

(*b.*) Detachments left behind in quarters by units proceeding on active service. In such cases the equipment of each detachment will be accounted for in a separate ledger, whether the detachments remain independent, are attached to units, or are formed into provisional battalions, except only on the absorption of a detachment into its territorial depôt or other unit, when the equipment will be transferred to the ledger of that depôt or unit, as directed in Appendix I. The marking on the equipment of men left behind will not be altered unless they are permanently transferred. **Detachments left behind.**

(*c.*) Detachments serving abroad, and separated from their headquarters for lengthened periods, and by considerable distances. **Detachments serving abroad.**

(*d.*) Detachments of Royal Engineers, serving abroad belonging to companies serving at home, or *vice versâ*, until the detachments rejoin their companies. Detachments of Royal Engineers serving at home, belonging to companies serving at home, will be governed by paragraph 37. **Detachments of R.E.**

(*e.*) Detachments of the Army Service Corps, Royal Army Medical Corps, and Army Ordnance Corps stationed abroad. **Detachments of miscellaneous corps.**

94. (Cancelled.)

95. A soldier, who by neglect or culpable mismanagement, loses or damages any article of his personal equipment, will be charged as follows :— **Charges for loss or damage to personal equipment.**

(a) *Repairable damage :—*

Actual cost of repair, including both wages and materials or components. As regards small arms, the charges will be in accordance with the scale laid down in Regulations for Army Ordnance Service, except that barrels slighty rusted inside will be thoroughly cleaned by the armourer-serjeant at a charge of 4*d.* each.

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(b) *Loss or damage beyond repair :—*

The proportionate value of the article for the unexpired period of duration, provided that, (1) the maximum charge for any one arm shall not exceed 40*s.*, unless the soldier has been sentenced by court martial to pay a higher amount, (2) and the minimum charge shall not in any case be reduced below one quarter of the full value of the article, even though it has been in use for the full period of duration.

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Twelve years will be taken as the period of duration for any article for which no period has been laid down ; and the unexpired period will be calculated in half-years, any period of less than six months being charged against the soldier as a full half-year. The rates upon which the calculations will be made are those laid down in the priced vocabulary of stores.

96. Culpable repairable damage to equipment, other than personal equipment in possession of a soldier, will be charged for as in paragraph 95 (a). Charges for such equipment when culpably lost or damaged beyond repair will be made as in paragraph 95 (b) if **Charges for culpable repairable damage to other than personal equipment.**

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the proportionate value can be estimated or ascertained; if not, the full value will be charged. Any evidence as to the proportionate value will be recorded in the proceedings of the court of inquiry or other authority which investigates the loss.

Charges for deficient camp equipment will be assessed as directed in paragraph 219A.

Authority for charges on account of equipment.

98. The authority of the chief ordnance officer will be sufficient for any charge in the pay lists on account of equipment. When officers against whom claims are made have no cash account with the War Office, payment will be made by them to the district paymaster.

Losses through desertion.

99. When articles are ascertained to have been lost by desertion they will be struck off charge on Army Form P 1925, supported by a certified copy of the proceedings of the court of inquiry (Army Form B 115), held under Section 72 of the Army Act.

Articles brought back on a deserter rejoining.

100. If, on rejoining, a deserter is in possession of any of the articles found deficient on his desertion, these articles will be taken on charge in the equipment ledger.

Articles deficient on deserter rejoining.

101. On a deserter rejoining, and being sentenced by court martial, or ordered by the competent military authority dispensing with the trial to be placed under stoppages for the value of any articles found deficient on desertion, such articles will be retaken on charge and struck off again as deficiencies on Army Form P 1925, showing where credit will be found, in accordance with paragraph 102.

Returns of stoppages.

102. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any soldiers liable to make good the cost of replacing or repairing articles of equipment under paragraphs 95 to 101. The stoppage returns will be made out by squadrons, batteries, or companies. In the cavalry and infantry the amount due from each squadron or company will appear in regimental orders for the month in which the stoppages are recoverable from the soldier, and will be credited in the pay list for the month, the returns being annexed as vouchers.

Losses through glandered horses.

103. The order sanctioning the shooting of a glandered horse will be quoted as the authority for striking off charge portions of harness or saddlery destroyed in order to prevent infection.

Articles locally accounted for.

104. The undermentioned articles will not be brought into equipment ledgers, or accounts of artillery works, or positions:—

Supplies to the general staff.

(*a.*) Articles supplied to the general staff for local use, except camp equipment, which will be accounted for to the Army Ordnance Department as laid down in paragraph 219.

Boats, barges, &c.

(*b.*) Boats, barges, launches and their appurtenances, which will be accounted for in the local transport equipment ledger (Army Book 165).

Barrack stores. Disinfectants

(*c.*) Barrack stores not forming part of the fixed equipment of the Royal Artillery or other corps, or issued by the Army Ordnance Department for use in camps. Also disinfectants.

Candles, oil, and wick.

(*d.*) Candles, oil, and wick for magazine lanterns and signalling lamps. (These are obtained from the Army Service Corps.)

Books, lithographs, &c.

106. Official books, printed records, lithographs, and maps obtained from the Army Ordnance Department, except the hand books included in corps details, will not be brought on charge in

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the artillery store accounts or equipment ledgers, but accurate lists thereof will be kept.

107. Accountants to the War Office will furnish with their periodical accounts a certificate that the list or catalogue alluded to in paragraph 106 has been verified and corrected to date, that deficiencies through loss or otherwise have been reported to the War Office, and that the authority for striking such deficiencies off the list has been noted thereon. Certificate as to their correctness to be furnished.

108. On changes of heads of departments, staff officers, or commanding officers, the officer assuming charge will verify the lists and report any deficiencies. On change of command.

SECTION III.—ARMS, ACCOUTREMENTS, AND ARM CHESTS.

I.—GENERAL SUPPLY OF ARMS AND ACCOUTREMENTS.

109. The arms and accoutrements supplied by the War Department to the regular forces consist of the articles given in the details for the respective services in Part 2. Details of.

110. Units will always have, during peace, arms and accoutrements for their full peace establishment. Establishment kept up.

111. Arms and accoutrements being regimentally marked may not be transferred from one unit to another, except in time of war, and as directed in paras. 127 and 129. Transfer prohibited.

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112. *Extra service* arms, water bottles, and other accoutrements will be supplied in excess of regulated establishments to accounting units temporarily augmented. Arms so issued, being specially marked will not be taken abroad if supplied at home, and if supplied at stations abroad they will be returned into store before the corps leaves the station, unless it may be necessary to send them away with armed drafts, in which case, a return of the number of arms sent away and of their marking will be at once made by the commanding officer to the Army Ordnance Department. These arms will be shown in returns and accounts as "extra service" arms, and will be given into store when the strength is reduced to the proper establishment, unless they are likely to be required again within a reasonable period. Supply of extra service arms and accoutrements.

113. *Drill purpose* arms at the rate of 50 per battalion of infantry will be issued on demand, at home stations, as they become available, to officers commanding, for the use of recruits. They will be supplied in the manner laid down for extra service arms; and on a regiment receiving orders to leave its station, officers commanding will make application to the chief ordnance officer for the return to store of the arms or transfer to the relieving battalion, as may be directed. These arms will not be used for ball firing, and no charges for damages will be made, except for such as are manifestly wilful. D.P. arms for use of recruits.

113A. The practice swords supplied in conformity with the barrack schedules will invariably be used (with the service scabbards) by recruits and young soldiers at drill, mounted or dis- Practice swords.

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mounted, instead of their service swords; also by all soldiers at "sword post practice," etc., and at competitions and practices in which swords are liable to strike each other.

Butt-swivels for rifles.

114. When Magazine Lee-Metford rifles Mark I* are supplied to rifle battalions and mounted infantry, a butt-swivel will be issued for each arm, to be screwed in by the armourer serjeant. All other magazine rifles have swivels screwed in before issue.

Examination of arms on return from service abroad.

115. All the arms in possession of troops returning from service abroad, except from India, will be examined, as soon after arrival as possible, by a viewer specially detailed for that duty by the chief inspector of small arms. An application for the services of a viewer for this purpose will be made by the commanding officer of the corps concerned, through the General Officer Commanding.

Duties of viewer.

116. The viewer will report specially on the condition of the arms as regards their fitness for service, stating what repairs are necessary, and to what extent such repairs can be carried out regimentally. He will also report whether the damages to the arms have been caused by neglect, or by fair wear and tear, due to exceptional service, or to the effects of climate.

Reports relating to rifles.

117. In all reports relating to rifles, the number of the arm and the name of the factory at which it was manufactured will be stated. The number of the rifle and the name of the factory will be found stamped on the body.

II.—SUPPLY (INCLUDING AMMUNITION) FOR TROOPS ON BOARD SHIP.

Notification of troops about to embark.

118. When the General Officer Commanding a district is apprised by the War Office of the strength of the units or detachments intended to embark for service abroad, otherwise than for India, on board a vessel starting from a port in his command, which may subsequently call for some of these troops at other ports at home, he will notify all particulars to the chief ordnance officer.

C.O.O. to place on board the arms, accoutrements, &c., for drafts.

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119. The chief ordnance officer will cause the arms, accoutrements, ammunition, and other stores, in the prescribed proportions, to be placed on board, whether the whole of the troops embark at the original port of embarkation, or portions are subsequently to be taken in at other ports, and whether the troops are stationed in his district, or in any other part of the United Kingdom. The destination of the vessel will be stated in the issue voucher.

Ammunition, and magazine.

120. A supply of service ammunition at the rate of 200 rounds for each rifle or carbine, unless otherwise specially ordered, will be put on board the ship by the chief ordnance officer at the first port of embarkation, and a proper magazine will be provided for its security. In the case of units, requisitions will be put forward for this ammunition in the usual manner on the local ordnance officer, who will forward them to the chief ordnance officer at the first port of embarkation. Before the ship sails commanding officers will ascertain that the ammunition to accompany the troops has been put on board, and properly secured in the magazine.

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121. When unarmed drafts embark to join regiments abroad, stationed elsewhere than in India, or when they are proceeding to India in freight ships, or when transport is provided for troops abroad, except in the case of invalids and time-expired men, the chief ordnance officer at the port of embarkation will issue to the officer commanding, for their exercise during the voyage, arms and accoutrements, in the proportion of 10 per cent. of the strength, together with 60 rounds of service ammunition for each rifle, for use in case of emergency, and one pair of handcuffs for every 100 men. The accoutrements will consist of a waist belt, a frog, and an ammunition pouch. A bugle will be placed on board all vessels carrying either armed or unarmed drafts only. The following articles will also be placed on board each transport for recreation purposes :— Drafts for abroad to be supplied with arms and accoutrements, &c., for exercise during voyage.

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Clubs, infantry, No. 2, 4 sets ;
Dumb-bells, short, 10 lbs., Mark I, 12 sets ;
Boxing gloves, Bryan's Champion, 14 to 16 ozs., 4 pairs.
Bars, horizontal, 1.

The officer commanding the troops on board will be responsible for the care and preservation of the arms issued under this paragraph. A sufficient supply of oil and cleaning materials for the voyage will be placed on board with the arms. The following proportions are sufficient for six months :— Care of arms on board ship.

18 pints rifle oil
31 yards flannelette } per 100 arms.
2 pullthroughs

122. When arms are thus issued for drafts proceeding to India in freight ships or transports, repayment vouchers will be put forward in order that their value may be claimed from the Government of India. Value of arms to be claimed from India.

122A. A supply of arms will be kept throughout the season on board all transports when employed on Indian trooping service. The General Officer commanding the Southern District will arrange for the shipment, and for the return of the arms to the Army Ordnance Department at the end of the season, to be held on charge for India for re-issue. Supply of arms, &c., on board transports for India.

122B. Intrenching implements for one battalion of infantry will be packed in cases and together with 200 rounds of ·303 small arm ammunition per man will be placed on board all ships conveying troops to or from India, for the equipment of units in the event of their being diverted on the voyage and landed elsewhere. These stores will be placed in charge of the master of the ship, and will be returned to store by him if not issued to the troops at the end of the trooping season. He will give a receipt to, and receive a voucher from, the Army Ordnance Officer who ships them and will in the same way obtain a receipt from that officer on giving them into store, or from the officer commanding the battalion if issued on emergency. Intrenching implements and ammunition to be stored on ships conveying troops to India.

123. All issues of arms, accoutrements, ammunition, and other stores for drafts under the foregoing orders, will be accounted for as directed in the King's Regulations. Method of accounting.

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III.—SUPPLY FOR ROYAL ARTILLERY AND ROYAL ENGINEER STAFF CLERKS AND MILITARY POLICE, &c.

Demanding and accounting.

124. The arms, accoutrements, and ammunition for Royal Artillery and Royal Engineer staff clerks and for serjeant instructors of gymnasia, at the several stations and districts will be demanded and accounted for by the staff (or other) officer under whom they are serving. Equipment for staff clerks in Royal Engineer offices, military foremen of works, and military telegraphists, will be demanded and accounted for by commanding Royal Engineers, except in the case of the Superintendent of Building Works, Royal Arsenal, Woolwich, who will be a direct accountant for the equipment of the staff under his orders.

On change of station.

125. When a Royal Engineer staff clerk, military foreman of works, military mechanist, or military telegraphist of the rank of quartermaster-serjeant, moves from one station to another, he will take his arms and accoutrements with him, care being taken that receipt and issue vouchers are sent by the accountant to the station to which the warrant or non-commissioned officer is proceeding. In the event of the arms and accoutrements being surplus in consequence of a Royal Engineer staff clerk, military foreman of works, or military mechanist becoming non-effective, they will be returned to the nearest ordnance depôt.

In the case of Royal Artillery staff clerks, the arms and accoutrements are held on charge by the officer commanding the company to which they are attached, except in the Scottish, North-Eastern, and Home Districts, where the officer commanding district establishments will be the accountant.

Equipment of military police.

126. The equipment of the military mounted and foot police will be demanded and accounted for by the provost-marshal, Aldershot.

54 Engineers 9951 and A.O. 204 of 1900

IV.—SUPPLY FOR ROYAL ENGINEERS (EXCEPT THOSE DEALT WITH UNDER PARAGRAPHS 124–125), ARMY SERVICE CORPS (AND STAFF CLERKS ATTACHED THERETO); ROYAL ARMY MEDICAL CORPS, ARMY ORDNANCE CORPS; AND ARMY PAY CORPS.

Royal Engineers.

127. The arms and accoutrements of dismounted men of the Royal Engineers, except carbines of men armed with that weapon, will be transferred from unit to unit and from station to station with the men, by regular voucher, from one accountant to another.* The arms and accoutrements, however, of mounted men, and the carbines of dismounted men armed with that weapon, will not be transferred with the men but will remain in charge of the several units.

Charge of mounted portion and station staff, A.S.C.

128. With the exception of those for warrant officers, the arms and accoutrements of the mounted men of the Army Service Corps, and those of the mounted station staff, will remain on charge of the companies and stations respectively, and will not be transferred with the men. Those of the station staff will be accounted for by the depôt, or by one of the mounted companies at the station.

* These instructions will not apply to men proceeding to India.

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129. The arms and accoutrements of all warrant officers of the Army Service Corps, and of the dismounted portion of the Army Service Corps, including any staff clerks attached thereto, also those of the Royal Army Medical Corps and Army Ordnance Corps, will, in all changes of station, be taken with the warrant officers, non-commissioned officers, and men, and will, except as provided in paragraph 130, be transferred by regular voucher from one accountant to another. A reasonable supply will always be retained in store at the depôt, Royal Army Medical Corps, Aldershot, for issue to recruits.

Warrant officers and unmounted portion of A.S. corps of R.A.M.corps and A.O. corps on change of station.

130. All surplus arms and accoutrements of the dismounted men of the Royal Engineers, the dismounted portion Army Service Corps, the Royal Army Medical Corps, and the Army Ordnance Corps, caused by men becoming non-effective, &c., will, except as provided in paragraph 131, be transmitted "in transit" through the Army Ordnance Department, as follows:—

Royal Engineers, to "G" depôt company at Chatham.
Army Service Corps, to depôt at Aldershot (18 Co. A.S.C.).
Royal Army Medical Corps, to depôt at Aldershot.
Army Ordnance Corps, to depôt at Woolwich.

The articles will be charged by voucher direct to the depôt, and the consigner will be held responsible that they are properly packed, and the arms sufficiently protected by "composition preserving arms" (to be obtained, if necessary, from the Army Ordnance Department), in order to prevent damage by rust in the event of any delay in transit occurring.

Surplus arms and accoutrements.

131. At stations abroad, officers commanding detachments will not send home the surplus arms and accoutrements if there is a probability of vacancies being filled up locally in the departmental corps by volunteers from the garrisons, to whom the arms and accoutrements could be issued on the spot.

Corps. Stations abroad.

132. The arms and accoutrements of the Army Pay Corps will be demanded and accounted for by the paymaster under whom the men are serving, and will be dealt with as directed in paragraph 125.

In the case of a promotion necessitating a change of arms and accoutrements, the change will be carried out locally.

Arms, &c., of Army Pay Corps.

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V.—SUPPLY OF ARTICLES FOR MUSKETRY INSTRUCTION.

138. Articles for musketry instruction will be supplied in the undermentioned proportions; as at A to regiments of cavalry, battalions of infantry, regimental districts, the Army Service Corps at Aldershot, Devonport, and Woolwich, and the depôt Royal Army Medical Corps at Aldershot; and as at B to cavalry depôts of regiments in the colonies, units of Royal Engineers, and the depôt Army Ordnance Corps at Woolwich.

Articles for musketry instruction.

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		A.		B.	
		For M.M. and M.E. arms.	For M.L.M. and M.L.E arms.	For M.M. and M.E. arms.	For M.L.M. and M.L.E. arms.
54 Gen. No. 8520	Actions, skeleton (with butts)	3	3	1	1
	Aim correctors	8	8	2	2
	Implements, action, M.H.	3	...	1	...
	Implements, action, M.L.M. (patt. D.)	...	4	..	4

Return to store.

These articles will be accounted for as equipment and returned into store upon embarkation for active service.

VI.—SUPPLY OF ARM CHESTS.

Supply and repair of arm chests.

139. Regimental arm chests or cases, with hinges, suitable for the packing of rifles and carbines, are issued by the Army Ordnance Department for use during peace as ordinary equipment, at the rate of one chest or two cases for each company of garrison artillery, unit of Royal Engineers, and company of infantry, and two chests or four cases for each squadron of cavalry. The cost of the repair of the chests or cases will be defrayed in the manner laid down in the Allowance Regulations. These packages will only be supplied to the above-mentioned services, and the chests will be returned to store prior to embarkation to India, and cases drawn as required.

SECTION IV.—REGIMENTAL TRANSPORT.

Regimental transport.

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140. One complete set of regimental transport, as laid down in Section I, Part 2, Equipment Regulations, will be provided for each regular battalion of infantry at home (except for the battalion stationed in Jersey), and will be held on equipment ledger charge. Each set of regimental transport will be given a distinctive index number by which it will be referred to in all correspondence. In the event of a battalion permanently changing its station or barrack, the complete set of regimental transport, including shoeing tools, will be transferred to the relieving battalion. In case of delay in the relief of one battalion by another, the General Officer Commanding will arrange for the temporary custody of the regimental transport, and will direct the officer to whom it is handed over to take it on charge in his equipment account. These stores are issued for instruction in transport duties, but will be kept at all times fit for actual service. This transport may be temporarily detached from its station when required to accompany the battalion to camps, on manœuvres, &c., under instructions from the General Officer Commanding.

On change of quarters.

To be kept efficient.

Jersey 16
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As to repair.

Materials for repair.

Employment private tradesmen.

142. The equipment will be kept in repair by the regular artificers of the troops at the station, as the General Officer Commanding may direct, under paragraphs 319 and 320. Necessary materials for the repair of harness and saddlery in use with regimental transport will be supplied on demand, as actually required. When private tradesmen are employed, a certificate to that effect is required on the claim, which may be paid, subject to audit, without special reference to the War Office.

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SECTION V.—MOBILIZATION EQUIPMENT.

142A. At certain stations the mobilization equipment will be in charge of the officer commanding, and accounted for at the end of the equipment ledger of the unit, pending mobilization. Mobilization equipment at single unit stations.

The authorised scale of equipment is published from time to time in mobilization store tables (Army Form G 1098).

Officers commanding units, who have mobilization equipment in charge, are responsible that it is correct in every respect, and fit for service; that the instructions given in Regulations for Army Ordnance Services as to custody and arrangement of mobilization stores, are carried out with regard to it, and that, subject to the following exceptions, and to paragraph 142F, no portion of it is taken into use without the authority of the Secretary of State obtained through the general officer commanding. Responsibility of officers for.

In the event of vehicles belonging to mobilization equipment in charge of batteries of Royal Artillery being temporarily and unavoidably required to replace peace equipment vehicles under repair or otherwise not available, or, in the event of small arm ammunition carts belonging to the mobilization equipment of units being necessarily required in the district for use on field days, or at manœuvres and camps of instruction, the temporary issue of these vehicles may be sanctioned by the general officer commanding who is, in both cases, responsible that they are returned to store in a thoroughly serviceable condition when no longer required. Special articles of the technical equipment of Royal Engineer units, the fitness of which for service can only be verified and maintained by occasional use may be used, at the discretion of the officer commanding the unit, to insure that they are kept in a thoroughly serviceable condition and ready for immediate work, but their use is to be restricted to the purposes of the foregoing requirements, and they are to be kept quite separate from the peace equipment; a book is to be kept by the officer commanding the unit, in which is to be recorded a list of the stores tested and used, the character of the tests, the period for which the stores have been used, and the condition after testing or use. Special attention should be paid that the saddlery and harness is kept properly dubbed and in good condition. Use of, during peace.

142B. The mobilization equipment in charge of units will be kept entirely separate from the equipment of the peace establishment; and on a unit quitting the station this equipment will, in the absence of an order to the contrary, be handed over to the officer commanding the relieving unit. Disposition, care, and custody of mobilization equipment.

142C. Mobilization store tables of the latest editions will be kept with the equipment of units, and officers commanding units, whose mobilization equipment is in charge of the Army Ordnance Department, will always have copies of these tables in possession. Mobilization store tables.

142D. On mobilization being ordered, the store table will be the guide as regards the articles of ordnance equipment which a unit takes with it into the field. It is, therefore, of great importance that not only the mobilization equipment of units, but also such Equipment to be kept serviceable.

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of their peace equipment as is, according to the store table, required for war, should be at all times complete and serviceable.

Commanding officers to check mobilization equipment in A.O.D. charge.

142E. When mobilization equipment is in charge of the Army Ordnance Department at or near the station of the unit, the commanding officer will inspect and check the equipment for his unit within one month of arrival at the station, and subsequently once annually, and satisfy himself that it is complete and serviceable. Should any serious omissions or imperfections exist, he will at once report them to the General Officer Commanding the district.

Commanding officers will arrange the date for these inspections with the chief ordnance officer of the district.

Date of inspection to be stated.

142F. Officers commanding units having mobilization equipment in charge, and those who are able to inspect their mobilization equipment in Army Ordnance Department charge, will attach a certificate to Army Form B 89 or 90, which is rendered half-yearly, stating the date on which they last inspected the equipment.

Mobilization equipment to be drawn annually for packing inspection, &c.

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Once in each year the mobilization equipment in charge of units (except ammunition), and where circumstances admit of it, the mobilization equipment held for units by the Army Ordnance Department, will be drawn by them, and be retained for a period of about one week. During this period each unit will be practised in packing its vehicles, the whole war outfit being completed, as far as is practicable. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district.

At the end of the week, the unit will perform a route march with its transport packed as for service, if arrangements can be made for horsing the vehicles; the horses and harness of other units in the command being utilized for this purpose. Harness and saddlery stored as mobilization equipment is not to be used during peace.

Replacing articles on peace charge from mobilization stores.

142G. When new articles are required to replace unserviceable articles in the peace equipment of the unit, requisitions should be forwarded to the army ordnance department in the usual manner, but it should be stated thereon which of the articles demanded can be supplied from the mobilization equipment on charge of the unit. The chief ordnance officer will arrange for these articles being marked with the date of issue before transfer to peace equipment takes place, and no stores should be so transferred until similar articles from ordnance depôts are actually on the spot to replace them.

Turnover of gun ammunition in Horse and Field Artillery.

142H. The "turnover" of B.L. 15-pr. and 12-pr. ammunition stored in ammunition park, ammunition column, and battery equipments at home should be carried out on the following lines, to ensure the expenditure of ammunition of the oldest date of manufacture. Under existing arrangements supplies of ammunition are made from Woolwich, on demand, to stations termed distributing depôts in the following districts, viz.:—Aldershot, Curragh, Cork, Eastern, Home, Southern and Thames, from which supplies are drawn to fill up columns and batteries in other districts as laid down in special instructions which have been promulgated. Chief ordnance officers of the districts in which the distributing stations are situated will be held responsible that ammunition of the oldest date of manufacture is issued from the ammunition parks and

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columns to the batteries or districts which they supply, and that, as far as possible, newer ammunition, to replace such withdrawals, is available in the command before the columns or parks are depleted. In the event of supplies not having been received the issues to batteries or districts should not be delayed. Further instructions will be issued from time to time regarding necessary changes in the details of the system, and in the event of the supply of new ammunition failing to arrive in sufficient time to admit of simultaneous withdrawal from, and replacement in, the stores of any unit, a special report of the deficiencies will be made to the principal ordnance officer.

Arrangement of mobilization stores in storehouses.

142I. When the Secretary of State sanctions the transfer of mobilization stores from Army Ordnance Department charge to the custody of a unit the officer commanding the unit will be responsible that the stores are arranged in accordance with the regulations (*see* para. 142A), and will, if necessary, apply to the chief ordnance officer for skilled departmental labour for carrying out the service in the first instance.

Handing over mobilization equipment.

When mobilization equipment is handed over to a relieving unit, vouchers will be passed in the usual way, and should any discrepancies exist, full explanation of each will be afforded by the officer commanding the outgoing unit.

Harness and saddlery in possession of units as mobilization equipment will be inspected once in every three years by the Chief Inspector of General Stores, and all vehicles and spare wheels once in every two years by the Chief Inspector, Woolwich. A permanent record will be kept painted on a board to be hung up inside the storehouse, showing the dates upon which the inspections were made.

Preservation and cleaning materials.

142J. The Instructions for the preservation of harness and saddlery, given in Regulations for Army Ordnance Services, will be followed for the harness and saddlery of mobilization equipment.

Cleaning materials, according to the following scale will be allowed for this purpose :—

		Annual proportion for each.		
		10 sets of harness (double).	10 sets of saddlery.	10 sets of pack-saddlery.
Camphor or Naphthaline* ..	ozs.	5	2½	4
Dubbing	lbs.	2	1	1
Linen, old	,,	1	½	½
Oil, rape	qts.	2	½	½
Tallow†	lbs.	½	¼	—

* For pannels, saddle blankets, and numnahs.
† For officers' saddlery; seats and flaps of saddles; buckets, carbine, and lance at the times specified in the Regulations for Army Ordnance Services.

Sizes of neck collars.

142K. When horse collars are stored with harness in mobilization equipment charge, the sizes of the same should be in the following proportions for the services named :—

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Service.	Sizes and proportion per 100 collars.								
	21 in.	21½ in.	22 in.	22½ in.	23 in.	23½ in.	24 in.	24½ in.	25 in.
Royal Engineers	6	20	20	22	20	7	3	1	1
Army Service Corps and regimental transport of cavalry and infantry	2	20	20	24	15	8	7	3	1

142L. The proportion of sizes, &c., of various articles of harness and saddlery for use with registered horses on mobilization—with instructions relating thereto—are detailed in Appendix VIIIA.

142M. Spare articles on peace charge, if liable to be expended during peace are not to be regarded as being available on mobilization.

142N. Inventory forms (Army Form G 1096 series containing printed lists of components, accessories, &c.) will during peace be pasted on one side of inventory boards issued with vehicles allotted to units as war equipment.

Material for cleaning and preservation not to be used until arrival of concentration.

142O. Material held on mobilization charge for cleaning and preservation of war equipment will not be taken into use until units arrive at their place of concentration, previous to which period their requirements will be met as follows. Units existing in peace will use up the balance of their peace supply. Units that do not exist in peace (or units not having a sufficient balance of their peace supply) will be provided for on the peace scale under the authority of the General Officer commanding.

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142P. With every set of horse shoes, sixty nails will be stored for use on active service.

SECTION VI.—MACHINE GUNS.

54 / Machine Guns. / 660

143. Machine guns —

(i.) Will be issued to stations at home and abroad to form part of the armament available for general or local defence. In cases where these guns would be liable to deterioration if left mounted, they should be kept in their chests in store, ready for immediate use.

(ii.) Will be issued to regiments of cavalry, machine gun sections of mounted infantry, and battalions of infantry—(regulars, militia, and volunteers)—who will account for them in the regimental equipment ledgers. On relief, they will be handed over by the outgoing, to the incoming unit, issue and receipt vouchers being passed in the usual manner.

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144. Maxim machine guns in possession of regiments of cavalry, sections of mounted infantry, and infantry battalions, as part of their regimental equipment, will be provided with four barrels, viz. :— **Barrels.**

(i.) One in use, serviceable, to be returned to store on mobilization,
(ii.) One old, or unserviceable marked "D.P." for drill purposes. or blank firing only, to be returned to store on mobilization.*
(iii.) One new, spare, in regimental charge, to be taken into use on mobilization.
(iv.) One new, spare, to be held in mobilization store, to accompany the unit as the spare barrel on mobilization.

145. To ensure that all machine guns are kept in readiness for immediate service, they will be examined at least once a month (except boxed guns, which should be examined quarterly) by a competent armourer-serjeant or armament-artificer who has been through a course of machine guns at Enfield Lock, and any repairs necessary, which can be done locally, will be carried out. Should there be no armourer-serjeant or qualified armament artificer at the station, the service will be carried out under arrangements to be made by the General Officer commanding the district. An examination will be made after every occasion on which practice is carried out, and before the guns are replaced in their cases. **Monthly examination.**

145A. To facilitate the examination, &c., each armourer-serjeant and armament-artificer will be supplied with 3 dummy cartridges of each nature of machine gun under his charge. **Dummy cartridges.**

146. When officers commanding units of cavalry, garrison artillery, and infantry, and sections of mounted infantry, in possession of machine guns of ·303-inch calibre, find that the shooting of any gun falls off, and that the barrel appears worn, a diagram of 10 shots will be taken at 500 yards (three shots being first fired as trial shots in order to give the barrel a chance of settling down); and if the figure of merit exceeds 1·50 feet for 500 yards, they will at once have the gun stripped by an armourer-serjeant or qualified armament-artificer, and the doubtful barrel replaced by a new one. **Defective shooting**

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146A. When any part, other than a spare part, of a machine gun mounting (cone, parapet, field, or tripod) becomes unserviceable, the part should, if possible, be replaced by one of local manufacture. In fitting the part to the mounting the latter should not be altered. **Local manufacture of parts required for replacements**

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147. At home stations, when a gun or mounting requires more repair than can be carried out locally, or a barrel has been withdrawn under paragraph 146, it will be sent in the case of the gun and barrel, cone, and parapet mountings, by the most economical route, either direct, or through the Principal Ordnance Officer, Woolwich, to the Chief Inspector of Small Arms, Enfield, and in the case of a field carriage or tripod, to the Principal Ordnance Officer, Woolwich, for necessary repairs to be carried out. **Repair a Enfield and Woolwich.**

The arrangements for despatch will be made by the chief ordnance officer of the district, to whom all applications will be addressed.

* These will be supplied as they become available.

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Vouchers will be passed to the Principal Ordnance Officer, Woolwich, under all circumstances, notifying when and by what route the guns, mountings, &c., have been sent.

The re-issue of guns, &c., will be conducted on the same principles.

Examination by viewer.

148. If found to be necessary, a viewer can be sent to examine guns at home stations, on application being made to the Chief Inspector of Small Arms, through the chief ordnance officer of the district concerned.

Memorandum of examination.

148A. A memorandum of examination, or history sheet, will accompany each machine gun, when issued for service. It will be kept in a paper pocket in the gun chest; it will be carefully preserved, and will be handed over with the gun to which it relates, whenever the latter is transferred from the charge of one officer to that of another. An immediate record will be made thereon of any accident which may occur to the gun, and the result of each official examination which it may undergo. On every occasion on which the gun is fired, the number of rounds will be inserted.

Targets to be used.

148B. When practice, either by Royal Artillery, or infantry using armament machine guns, is carried out from works on sea fronts, the artillery floating target will be used, and it will be moored by the Royal Artillery boat's crew in the usual manner. For practice on land the artillery 6-ft. fir target will be used.

Spare parts.

149. Spare parts and tools are issued (in a box) with each machine gun. The parts issued with the gun should be used until actually unserviceable, when the spare articles should be taken into use, and the unserviceable returned to store, demands being at once put forward to replace them.

Materials for cleaning and oiling.

150. Materials for cleaning and oiling machine guns and their carriages will be supplied in the following proportions:—

			For each Nordenfelt 3-barrel, and Gardner 2-barrel gun and carriage per annum. — Peace only.	For Maxim gun and mounting, per annum. — Peace only.	For each machine gun and carriage three months' supply. — War only.
	Flannelette ..	in.	54	54	13½
	Linen, old	lbs.	3	3	¾
	Oil { paraffin, light	pts.	½	½	¾
	Oil { Rangoon ..	,,	4	6	1½
54 Mac. Guns 575	Mineral jelly ..	lbs.	2½	2½	1
	Turpentine, spirits of	pts.	1	1	⅜
	Beeswax	lbs.	¼	¼	—
	Paraffin	,,	¼	¼	—
	Chalk, white ..	ozs.	2	2	—
	Oil, Rangoon ..	pts.	¾	¾	—

For guns in use.

For guns in store.

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The following will be allowed to each store in which machine guns are kept or dealt with :—

Flannel (old blanket is very effective)	1 square yard.
Wick, common*	8 ozs.
Twisted copper wire	1 rod, 42 inches long, of wire 0·1 inch diameter, in a double twist.

150A. One "screen, artillery, manœuvre" will be supplied on demand to each regiment of cavalry or battalion of infantry. This screen will be accounted for in the equipment ledger of the unit. "Screen, artillery, manœuvre."

SECTION VII.—AMMUNITION.

I.—SERVICE SMALL-ARM AMMUNITION.

151. Service small-arm ball ammunition will be supplied in time of peace at the rates laid down for the various services in Part II of the Equipment Regulations, and should always be in possession of the troops, except when returned into store as directed in paragraphs 60 and 64. Supply.

On mobilization the quantities will be increased by the addition of those laid down as the regimental reserve for war. The latter quantities will, in the case of Field Army units, be held with their mobilization equipment, and, for other units, will be taken from the reserves held on Army Ordnance Department charge in the district in which the unit mobilizes, issued to it at the place of mobilization, and taken to the place of concentration. If, however, the place of concentration is in the district in which the unit mobilizes, this issue of ammunition may be arranged for at such station as the General Officer commanding may direct. Increase on mobilization.

The place of storage in peace, and any detailed arrangements for supply to the troops on mobilization, will be laid down in the local mobilization orders and defence schemes. Storage.

All units will be kept informed in peace of these arrangements so far as they themselves are concerned.

152. In cases of emergency the ordinary supply of service ammunition can be increased to such additional quantity as the General Officer Commanding may consider necessary. Extra supply in cases of emergency.

* An Army Service Corps supply.

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Custody.

153. All service ammunition that is not in actual use will be kept in the regimental magazines, in charge of the quartermaster.

Return to store of extra supply.

154. Extra issues of ammunition remaining unexpended will be returned to the Army Ordnance Department on the termination of the service that necessitated the supply.

Requisitions.

155. Application for service ammunition will be made on Army Form G 815.

Expense vouchers.

156. The expense voucher by which service ammunition is struck off charge must refer to the circumstances and authority (if any) under which the expenditure took place.

Ammunition longest in hand to be expended first.

157. The cartridges that have been longest in the hands of the troops are to be expended first. Service ammunition issued to men mounting guard, &c., is not to be allowed to remain in the pouches, but is to be used at musketry practice before any unbroken packages are touched. The ammunition from boxes which have been opened will be completely used up before other boxes are opened, and the tin linings are not to be disturbed until the ammunition is actually required for use.

Opened boxes to be completely used up.

157A. Pistol ammunition will be allowed in accordance with the following scale for officers proceeding on active service :—

Branch of the Service to which attached.	Number of rounds per officer.
Cavalry	36
Royal Artillery	24
Royal Engineers (other than Railway Company)	36
Railway Company, R.E.	12
Mounted Infantry	36
Infantry	36
Army Service Corps	24
Army Ordnance Corps and other officers not specified above	12

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II.—SMALL-ARM AMMUNITION FOR PRACTICE AND EXERCISE.

Proportions of small-arm ammunition for practice and exercises

159. Units may expend annually, in practice and exercise, the following quantities of ammunition for each officer and man exercised during the year through the courses prescribed for recruits and trained soldiers. These proportions of ammunition will, it is considered, be sufficient for all requirements, including those for testing rifles, and for funerals :—

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Corps.	Rounds. For each trained soldier. Ball.	Blank.	Cartridges, aiming tube.	For each trained soldier. Rank and file only. Ball.	Blank.	Cartridges, aiming tube.	For each recruit (officer or man). Ball.	Blank.	Cartridges, aiming tube.
Cavalry	150	80	25*	200	20	25*			
Artillery — Garrison, including local companies of Royal Artillery ...	20	20	25	20	20	...			
Artillery — Horse, field and mountain ...	10	10	...	20	20	...			
Engineers armed with rifle	80	40	25*	100	20	25*			
Engineers armed with carbine	50¶	30	25*	100	20	25*			
Infantry	200	40	25*	200	20	25*			
,, reservists...	28‡	...	...	...	...	...			
Army Ordnance Corps	...	...	...	40	20	...			
Army Service Corps	30	...	25†	100	20	...			
Royal Army Medical Corps	...	...	...	40	20	...			
Mounted Infantry	20§	40§	...	...	...	...			

* In cases where the officer commanding desires the exchange, or where practice with aiming-tube cartridges cannot be carried out, ball or blank small-arm ammunition of equal value, according to the rates given in the priced vocabulary of stores, may be issued in lieu. Ten rounds of the allowance may be drawn for each recruit at such depôts as may demand it.

Any Engineer recruit or trained soldier who does not fire his trained soldier's course during the year, may draw 10 rounds for private practice and shooting matches in that year.

† This allowance is to be drawn by men stationed at head quarter stations of companies, and in Egypt and Gibraltar; at other stations blank or ball ammunition of an equivalent value according to the Priced Vocabulary of Stores, may be drawn.

§ In addition to the quantities drawn by men in their own battalions.

¶ The Field Troop are allowed 80 rounds per trained soldier.

‡ Should a reservist make less than 40 points, a further 28 rounds may be drawn for a second practice.

160. Every soldier in the first year of his service may fire the proportions of ball, blank, and aiming tube ammunition allowed for a recruit, together with those allowed for the trained soldier. If a recruit of infantry or cavalry is put back for further training, the number of rounds already expended by him will not be deducted from the allowance, but will be allowed in addition thereto. **Quantities to be drawn in first year of service.**

161. The following addition will be made to the above-mentioned proportions of ball ammunition :— **Additional allowance.**

For field firing, to be drawn only on the order of the general officer commanding a station or district—

Cavalry, regiment of .... 1,000 rounds
Infantry, battalion of .... 4,000 ,,

and the following to the proportion of blank ammunition :—

For training remounts :—

Royal Horse and Royal Field Artillery—10 rounds per remount, to be drawn by batteries when required.

Royal Engineers—400 rounds to be drawn by the field depôt.

Army Service Corps—1,780 rounds to be drawn by station staff as follows :—Aldershot, 540 rounds ; Devonport, 480 rounds ; Woolwich, 480 rounds ; Curragh, 140 rounds ; Dublin, 140 rounds.

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Allowance of pistol ammunition.

163. The annual allowance of ammunition for ~~practice and exercise~~ with pistols will be as follows :—

	Rounds per man.		
	Ball.		Blank.
	1st year.	Subsequent years.	Every year.
Officers, warrant officers, non-commissioned officers and men armed with pistols in time of war :—			
Cavalry (except drivers) and mounted infantry	100	50	20
Royal Artillery	100	50	10*
Royal Engineers	100	50	10*
Infantry (except drivers)..	100	50	..
Drivers, regimental transport (cavalry and infantry)	100	50	10
Military Mounted Police	100	50	..
„ Foot Police	100	50	..
Army Service Corps	100	50	10*
Army Ordnance Corps	100	50	..

54 Gen. No. 8255

* Officers of mounted branches only will draw blank ammunition.

Additional supplies of pistol ammunition on repayment.

164. Commanding officers are authorised, subject to the approval of the General Officer Commanding, to draw, on repayment, for each officer, to use with his own pistol, 36 rounds of pistol ammunition annually, should the state of the store admit of such issues being made. Under similar circumstances a further quantity may be obtained for the use of non-commissioned officers or men, not exceeding for infantry battalions 72 rounds, for cavalry regiments and batteries of Royal Horse and Royal Field Artillery 36 rounds per pistol on charge. ~~The value of these supplies issued on repayment will be recovered as directed in paragraph 32.~~

104 Gen. No 2870

165. ~~Cancelled (see para. 171).~~

Ball ammunition for officers.

166. ~~Ball ammunition may be drawn at the rate of 50 rounds each for such regimental officers as may go through the course of "individual firing," but this ammunition will not be used for any other purpose.~~

167. ~~(Now embodied in para. 159.)~~

Ammunition for matches on repayment.

168. The General Officer Commanding is authorised to sanction the issue on repayment of ammunition for matches, not exceeding 130 rounds for each competitor per annum; the issue of pistol ammunition being limited to those who, on service, would be armed with the revolver. ~~The value of the ammunition will be recovered in the manner prescribed by paragraph 32.~~

168A. Units joining the Army Rifle Association may obtain 303 ammunition on repayment at half vocabulary rates provided

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that the quantity so purchased by any one unit does not exceed 7 rounds per rifle or carbine on charge.

169. Aiming tube cartridges, required for ~~gallery or~~ private practice, may be drawn from the Army Ordnance Department on repayment, by quarterly requisitions. Aiming-tube cartridges.

170. Non-commissioned officers and men to whom rifles or carbines are not issued as part of their equipment, when required to go through a course of musketry practice will do so with the arms of the unit to which they are attached. N.C.O. and men not having rifles or carbines.

171. Requisitions for practice and exercise ammunition will be made on Army Form G 815, and should be sent to the chief ordnance officer in sufficient time to admit of the issue being made for the annual musketry practice laid down in the Regulations ~~for Musketry Instruction~~. The quantities to be demanded in each year will be based on the number of men in or attached to a unit who it is anticipated will commence the annual musketry courses laid down in the Musketry Regulations. Requisitions to be made annually.

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Gen. No
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172. The requisition will be made, although at the time the unit may be under orders to leave the district, *see* paragraph 173. When unit is under orders to move.

173. In the event of no issue of ammunition having been made prior to the unit leaving the station, the chief ordnance officer will, on the application of the commanding officer, return the requisition with a certificate thereon that no supply has been made upon it; he will also add a memorandum stating the quantity, if any, of service and other ammunition given into store (*see* paragraph 64). When the requisition has been in part complied with, the ordnance officer will furnish the commanding officer with a balance certificate on Army Form G 802 showing the amount remaining due to the corps. Station from which to be drawn.

175. Any of the annual supply of ammunition which has not been drawn by the end of the musketry year for which it is allowed, will be forfeited. The last day of the musketry year will be the 31st December. Ammunition forfeited.

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III.—MACHINE GUN AMMUNITION.

Annual proportion for practice and exercise.

176. The annual proportions of ammunition for practice and exercises will be as follows :—

			Cartridges, machine gun.	
			Ball, for practice.	Blank.
			Per gun.	Per gun.
40116 / 7154	For each unit of cavalry, mounted infantry, and infantry having machine guns actually in possession, not forming part of the armament of a station.	Cavalry and mounted infantry ...	1,100	1,000
		Infantry...	1,700	
	For Stations. For each gun actually in possession, forming part of the armament (in the hands of Royal Artillery)	0·4 inch gun	340 * †	50 *
	Ditto ditto	·303 inch gun	366 §	
	Ditto ditto	0·45 inch gun	290 * †	
	Ditto ditto (in the hands of infantry)	·303 inch guns	‡	‡

* The rounds drawn for the station are to be expended under the orders of the general officer commanding in training the troops at the station whether infantry or artillery.

† One complete box per two guns, to be taken from the ammunition of oldest date in charge as equipment of the guns.

‡ On infantry carriage only, as allowed for infantry units.

§ One complete box per three guns, to be taken from the ammunition of oldest date in charge as equipment of the guns.

IV.—GUN AMMUNITION FOR PRACTICE AND EXERCISE.

178. The proportion of gun ammunition for practice and exercise of the Royal Artillery, and instructions relating thereto, will be found in Part 2, Artillery Special Instructions and Details.

V.—BLANK AMMUNITION FOR REVIEWS AND FIELD DAYS.

Additional blank ammunition allowed for reviews and field days at special stations.

179. The undermentioned quantities of blank ammunition may be supplied annually on the authority of General Officers Commanding, for use at reviews, field days, and manœuvres, to units present on the 1st June in each year at the stations specified below.

When units arrive at a station after the 1st June, the General Officer Commanding at the new station will only sanction the issue of such quantity of ammunition within the annual allowance laid down for that station, as he may deem sufficient for the remainder of the year.

The issues may be made independently of the annual allowance of small-arm ammunition drawn under paragraph 159, and gun ammunition under Artillery Special Instructions and Details, Part 2.

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	Blank Small Arm Ammunition. Rounds per man.	Blank Gun Ammunition. Rounds per field gun.
Home.		
Aldershot	100	100
Chatham	30	...
Colchester	40	60
Cork	30	...
Curragh	100	125
Devonport and Plymouth	40	60
Dover	40	60
Dublin	30	60
Fermoy	30	...
London	20	...
Home District	...	60
Portsmouth	40	50
Salisbury Plain	100	100
Shorncliffe	100	125
Strensall	40	60
Windsor	20*	...
Woolwich	20	80
Abroad		
Barbados and St. Lucia	30	...
Bermuda	30	...
Canada	30	...
Ceylon	30	...
Egypt	30	50
Gibraltar	20	...
Hong Kong	30	...
Jamaica	30	...
Malta	20	...
Mauritius	30	...
South Africa { Cape	40	...
South Africa { Natal	40	80
Straits Settlements	30	...

57
Salisbury
113
57
Shorncliffe
1643

* Battalion of Guards only.

The above proportions of small-arm ammunition will be calculated on the number of men at each station on the 1st June in each year.

180. An allowance of blank ammunition, not exceeding 20 rounds per piece annually, will also be allowed for all guns and howitzers in the movable armament, except Q.-F. guns of a district at home or station abroad, for reviews, field days, &c. Blank ammunition for movable armaments.

181. Commanding officers will make requisitions on Army Form G 804 for the ammunition to be supplied under paragraph 179, and it will be issued as required to each corps. Form for requisitions.

182. Except as provided for by paragraphs 179 and 180, ammunition expended at inspections, reviews, or field days must be taken from that included in the annual allowance for practice and exercise. For inspections, reviews, or field days to be taken from annual allowance.

VI.—CONVEYANCE OF AMMUNITION.

184. Neither gunpowder nor ammunition of any kind will be forwarded by, or to, any unit or ordnance depôt until the officer forwarding the same is satisfied that the consignee is ready to receive it. Notice prior to forwarding ammunition.

185. Whenever ammunition is conveyed in military wagons or carts, the loading will be performed by the troops, who will be held responsible for its correctness, as well as for the condition and suitability of the transport. Responsibility as to loading and condition of wagons.

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Application for military transport.

186. When military transport is required by the Army Ordnance Department, the ordnance officer will apply for it to the officer commanding Army Service Corps, stating the nature and weight of the ammunition to be conveyed, and specifying, when transit by rail is necessary, the particular hour by which such ammunition must be delivered at the railway station. The officer commanding Army Service Corps will then notify to the ordnance officer at what hour the wagons will call at the ordnance depôt for such ammunition.

Transport of ammunition from railway.

187. The consignee will arrange in like manner with the officer commanding Army Service Corps at the station for the transport of the ammunition (after its arrival at the railway station) to its destination.

When horses only are applied for.

188. When horses only are required from the troops the application will state the number of wagons to go, the weight of ammunition to be conveyed, and the time the convoy should reach its destination. The officer commanding Army Service Corps will then send such horses as he may consider necessary, informing the ordnance officer when he may expect them at the depôt.

Charge of packages, &c.

189. An officer or subordinate of the Army Ordnance Department will be in attendance at the depôt, at the time appointed to hand over the packages, convoy notes, and any wadmiltilts or other coverings that may be required, to the officer commanding the party, unless a conductor of the Army Ordnance Corps is appointed to accompany the convoy, which will invariably be the case whenever ammunition is forwarded by railway or other public conveyance. When a conductor is employed, he will be responsible for the ammunition, wadmiltilts, or other coverings, and will retain the convoy notes. Convoy notes will be dealt with as laid down in paragraph 71.

Conductors with convoys.

Receipt for covering.

190. A receipt will be given by the officer in command of the party for any coverings supplied to him, and he will return them into store when no longer required.

Escorts, application for by consignor.

191. In the event of the orders existing in the district rendering a military escort necessary, the consignor will apply to the commanding officer for the escort, stating the day and hour when it will be required, and, unless the transport is provided by the troops, the number of wagons or carts to be escorted.

And by consignee.

192. Should the ammunition be forwarded by railway, or water carriage, and the escort not accompany it, the consignee will make arrangements for the attendance of an escort, if required, to meet the ammunition on arrival, and conduct it to its destination.

Smoking prohibited.

193. Officers in command of escorts will prohibit smoking near the wagons, and will see that none of the party have lucifer or other matches in their possession.

Military consignees.

194. When ammunition is consigned to the troops, the officer who is the consignee will give to the conductor a receipt on the duplicate convoy note, and will be furnished by the conductor with the triplicate copy, which he will retain.

Hired transport for conveyance to troops.

195. Should it be necessary to hire wagons for the conveyance of ammunition when consigned to the troops, the arrangements will be made by the Army Service Corps on the application of the commanding officer.

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196. In the conveyance of small quantities of small-arm ammunition by rail in the United Kingdom, to expedite issues to corps, and also to obviate the expense of the employment of powder vans, iron cylinders adapted for containing half and quarter barrels will be used. These cylinders will not, however, be required when the cartridges are packed in small-arm ammunition boxes. Iron cylinders.

197. Commanding officers and others will, immediately on receiving these cylinders, empty and return them, with the spanners and bags supplied with them, to the ordnance officer at the station from which they were sent, using the same mode of conveyance as that by which they arrived. To be returned at once by same mode of conveyance.

SECTION VIII.—HARNESS, SADDLERY, STABLE NECESSARIES, AND EQUITATION ARTICLES.

198. Saddlery will only be supplied at the public expense to officers provided with horses which are the property of the public; to officers belonging to field units, Royal Engineers; and to certain officers of Army Service Corps as shown in Part 2. To whom supplied. A.O. 160, 1900.

198A. Horse logs for use in conjunction with head ropes in billets on the line of march, will be demanded from the Army Ordnance Department, by officers commanding mounted units and returned to store on arrival at their destination. Horse logs.

198B. When units ordered abroad are directed to take their harness and saddlery with them, it will be packed for shipment in corn or other suitable sacks (a four-bushel corn sack will hold one single set of harness or two sets of saddlery, except carbine buckets, which should be packed by themselves, 20 in a sack). Each sack should be marked in such a manner as will enable its contents to be easily identified on disembarkation, for this purpose three "brushes, sash, tool, No. 2" and three pounds of black paint per hundred sacks may be demanded. Packing for Service Abroad.

The two sets of saddlery will be packed in the four-bushel corn sack in the following manner:—Detach numnah and stirrup irons. Loosen straps, so that wallets do not project beyond front arch. Fold numnah in four, and place it in hollow of seat between pommel and cantle. Wrap surcingle and strapping round. Lower the saddle front arch downwards into sack. Pack stirrup irons and bridle complete inside saddle together with, in the case of R.A. and A.S. Corps saddlery, traces. Place saddle blanket on top.

The second set will be packed in a similar manner, except that the saddle seat will be on opposite side of sack to first one.

199. Stable necessaries, including nose bags, corn sacks, and corn bags, will be supplied on demand for all mounted services, for horses which are public property, in the proportions laid down in the several corps details, Part 2. For hired horses, when employed on the public service, there may be issued 1 horse brush, 1 curry comb, and 2 sponges for every two horses, and a nose bag for each horse. Stable necessaries.

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Unserviceable stable necessaries.

200. The stable necessaries which are supplied annually need not, when unserviceable and replaced by fresh issues, be returned to store.

If unserviceable under the time allowed.

201. In the event of stable necessaries becoming unserviceable before the expiration of the period of duration prescribed for them they must be replaced at the expense of the troops.

Pannels may be issued unstuffed.

202. Saddle pannels are, as a rule, issued stuffed, but should it be advisable at any time to issue empty cases, they will be converted into pannels by the regimental artificers without charge, and the following proportions of materials will be supplied for stuffing each pair :—

			lbs.	ozs.
Officers, new pattern		.... hair, horse, saddlery	3	8
Universal pattern....		.... „ „ „	1	4
Harness	new pattern	drivers .... „ „ „	3	0
		luggage .... „ „ „	2	0
	old pattern	drivers .... „ cow	3	8
		luggage .... „ „	2	8

Proportion of hair for stuffed pannels.

203. The following proportions of hair, in addition to the ordinary annual proportions given in the several corps details, Part 2, will be issued with each pair of stuffed pannels, if demanded :—

With each pair of new pannels for harness, new pattern, and for saddlery, old and new pattern .... } ½ lb. of horse hair.

With each pair of pannels for harness, old pattern .... } ½ lb. of cow hair.

Twine.

204. One quarter of an ounce of quilting twine will be allowed for each pair of cases. No issues under one ounce will be made; the regimental supply will be made use of when smaller quantities are required.

Equitation articles.

205. Equitation articles will be supplied to the mounted services in the proportions shown in the several corps details, Part 2, and will be accounted for in the same manner as other equipment.

SECTION IX.—HORSESHOES.

For Mounted Services at Home and Abroad excepting India.

Sizes of shoes and nails to be demanded.

206. Shoes and nails in assorted sizes, as detailed below, will be issued by chief ordnance officers on the requisitions of commanding officers.

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Proportions of the various sizes of Horseshoes issued for Cavalry and Mounted Infantry Cold Shoeing.

Description.		No. per cent.	No. of nails.	Total of nails per set of 4 shoes.	
Shoes, horse, pairs	No. 2 fore... hind ...	5	No. 6	30	For Cavalry.
	,, 3 fore... hind ...	21	,, 6	30	
	,, 4 fore... hind ...	35	,, 7	30	
	,, 5 fore... hind ...	28	,, 8	30	
	,, 6 fore... hind ...	9	,, 8	36	
	,, 7 fore... hind ...	1	,, 9	36	
	,, 8 fore... hind ...	1	,, 9	36	
	,, 2 fore... hind ...	20	,, 6	30	For Mounted Infantry.
	,, 3 fore... hind ...	70	,, 6	30	
	,, 4 fore... hind ...	10	,, 7	30	

Proportions of the various sizes of Horseshoes issued for Royal Artillery and Royal Engineers Cold Shoeing.

Description.		No. per cent.	No. of nail.	Total of nails per set of 4 shoes.	
Shoes, horse, pairs	No. 3 fore ... hind ...	5	No. 6 ...	30	For Royal Artillery.
	,, 4 fore ... hind ...	20	,, 7 ...	30	
	,, 5 fore ... hind, without calkins	28 25	,, 8 ...	30	
	,, 5 ,, with calkins †	3	,, *9 or 8 heel holes ,, 10 toe ,,		
	,, 6 fore ... hind, without calkins	29 25	,, 8 ...	36	
	,, 6 ,, with calkins †	4	,, *9 or 8 heel holes ,, 11 toe ,,		

* According to brand of nail used.

† For each pair of hind shoes with calkins, 9 nails are allowed for toe holes and 9 for heel holes.

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Proportions of the various sizes of Horseshoes issued for Royal Artillery and Royal Engineers Cold Shoeing—continued.

Description.			No. per cent.	No. of nail.	Total of nails per set of 4 shoes.	
Shoes, horse pairs	No. 7	fore	12	No. 9	36	For Royal Artillery,
		hind, without calkins	9	,, 9 heel holes ...		
		,, with calkins †	3	,, 11 toe ,, ...		
	,, 8	fore	6	,, 9	36	
		hind, without calkins	4	,, 9 heel holes ...		
		,, with calkins †	2	,, 11 toe ,, ...		
	,, 5	fore	21	,, 8	30	For Royal Engineers,
		hind, without calkins	18	,, *9 or 8 heel holes		
		,, with calkins †	3	,, 10 toe ,,		
	,, 6	fore	33	,, 8	36	
		hind, without calkins	15	,, *9 or 8 heel holes		
		,, with calkins †	18	,, 11 toe ,,		
	,, 7	fore	31	,, 9	36	
		hind, without calkins	11	,, 9 heel holes ...		
		,, with calkins †	20	,, 11 toe ,, ...		
	,, 8	fore	15	,, 9	36	
		hind, without calkins	6	,, 9 heel holes ...		
		,, with calkins †	9	,, 11 toe ,, ...		

* According to brand of nail used.

† For each pair of hind shoes with calkins, 9 nails are allowed for toe holes and 9 for heel holes.

For A. S. Corps.

Officers commanding units of Army Service Corps will demand horseshoes of sizes as required.

Spare set of shoes.

207. A spare set of shoes, in addition to those on the horses' feet, with a proper complement of nails ready fitted for immediate use, and stamped with the army and squadron, battery, company, or in the case of Royal Engineers, unit, number, will at all times be in possession of each unit for every public horse. 50 per cent. of these shoes and nails in the case of cavalry, Royal Artillery, Royal Engineers, and Army Service Corps, should be hand made, and the remaining 50 per cent. of shoes and nails machine made. These spare shoes and nails are to be used every quarter, and replaced by new ones.

Quantities to be demanded.

208. In making requisitions, commanding officers of units of cavalry, Royal Artillery, Royal Engineers, and Army Service Corps will demand shoes for one-half of the number of horses present, but not more at one time than the equivalent of three sets of shoes, with nails, per horse, this number of sets being presumably sufficient for three months. No greater proportion of shoes will be allowed without a certificate from the veterinary officer, countersigned by the commanding officer, explaining the exceptional circumstances which have rendered additional supplies necessary.

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209. Shoes, for one-half of the number of horses on the establishment, will be made in the forges of the various units, referred to in the preceding paragraph, out of the worn shoes removed from the horses, and any iron that may be required in addition will be supplied by the Army Ordnance Department, on a requisition from the veterinary officer, countersigned by the commanding officer. Old shoes to be utilised.

210. Nail-rod, for making nails in the following proportions, will be supplied from the Army Ordnance Department on requisition from commanding officers :— Nail-rod when supplied.

Rod, Nail, $\frac{3}{8}$-inch.

	Per regiment, per month.
For regiments of cavalry at home on the higher establishment	75 lbs.
For regiments of cavalry at home on the lower establishment	57 ,,
For regiments of cavalry in the colonies	67 ,,

In batteries of artillery, units of Royal Engineers and Army Service Corps, 1 lb. per month for every four horses or fraction of four.

211. When units march from one station to another, one fore shoe (with nails) will be carried on each horse, and in the case of horses with brittle feet one hind shoe (with nails) in addition. Commanding officers will arrange to send forward as heavy baggage, to such points in the line of march as may be most convenient, any further numbers likely to be required on the march, not exceeding one set per horse for the entire strength, and will return the remainder (including any old shoes in possession) to store, or, if there is no ordnance depôt at the station, hand them over to the incoming unit; in either case obtaining a receipt. The shoes removed from the horses' feet on the march will be returned to store, should opportunity offer, and a receipt likewise obtained for them, unless they can be conveniently carried by the regimental transport. When the route of the unit lies through an Army Ordnance Department station, any shoes required will be drawn there, so as to obviate, as far as possible, the expense of sending shoes forward by rail. On the arrival of the unit at its destination a number of new shoes equivalent to those returned to store, or handed over may be drawn; one new shoe being considered equal to two old ones, and the receipts above referred to being attached to the requisition. Arrangements as to shoes and nails when changing station.

If the unit proceeds by rail from one station to another, one fore shoe (with nails) will be taken, the balance being returned to store or handed over to the incoming unit if there is no ordnance depôt at the station, and others drawn in lieu as directed above.

Should the station to which a unit is moved have no ordnance depôt, special arrangements for the supply of shoes and nails from the nearest ordnance depôt will have to be made.

212. Officers' horses may be shod, if desired, with store shoes, such shoes and nails to be paid for at the rate of one shilling and tenpence per set. The farriers will render a monthly return of the number of officers' horses thus shod, in order that the necessary credit may be given Shoeing officers' horses.

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for the value of the shoes and nails in the pay list. All other shoeing must be done by private arrangement, and with private materials.

Forge and shoeing tools.

213. Forge and shoeing tools (except the barrack fixtures provided by the Royal Engineers) will be drawn from the Army Ordnance Department and held on equipment ledger charge.

"Chest, tool, filled, No. 7," the detailed contents of which are given in Appendix V, contains one set of forge and one set of shoeing tools. The proportions in which the chests will be supplied are as follows :—

	Peace.	War.
Regiment of cavalry	6	2
Battery of mountain artillery	1	1
„ Royal Horse Artillery	1	1
„ Royal Field Artillery	1	1
Pontoon troop, R.E.	2	2
Telegraph section, R.E.	1	1
Field troop, R.E.	1	2
„ company, R.E.	1	2
„ park, R.E.	1	2
Company of Army Service Corps	1	1

Additional sets of shoeing tools will be supplied to make the total number on charge equal to, in the case of :—

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Regiments of cavalry—

1 per farrier serjeant, corporal shoeing smith and shoeing smith in peace and war. Also 1 spare set per squadron for instructional purposes in time of peace only—this set to include two aprons, basil, white.

Batteries of Royal Horse Artillery, Royal Field Artillery, and Mountain Artillery—

1 per farrier serjeant and shoeing smith in peace and war. In time of peace, 1 spare set of tools will be allowed per battery, and 1 "apron, basil, white," for each man undergoing instruction.

Royal Engineers—

Pontoon troops	5 sets each	in war.
Field troops and field parks	4 „	in war.
Field companies	3 „	in war.
Telegraph sections	2 „	in war.
Balloon sections	1 „	in war.

Army Service Corps—

Service company	4 sets	in peace.
Depôt company	6 „	in peace.

Company with	corps troops	7	in war.
	field bakery	8	in war.
	infantry brigade	9	in war.
	„ divisional troops....	5	in war.
	cavalry brigade	6	in war.

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The Royal Engineer units specified above will have on charge in peace 1 spare set of tools for instructional purposes, &c. Each set to consist of :—

Buffers, farriers		2
Hammers, farriers	shoeing	2
	sledge	1
Knives, farriers	drawing	2
	searching	1

Worn out rasps may be retained for steeling horse shoes.

Nails may be obtained separately

214. For the convenience of farriers, shoes or nails can be obtained separately in sizes ; but, unless specifically demanded, nails will be issued with shoes in the proportions shown in the following table. Each box of shoes of one size will be packed with the due proportion of nails appropriate to that size of shoe.

Sizes of nails.

Table of Nails for Horse, Mule, and Pony Shoes.

Description of Shoes.			Nails required for the several Shoes. Designation Number.	No. per set of shoes.	Remarks.
	Horse Shoes.				
No. 1	fore		3 or 4*	30	
	hind				
,, 2	fore		6		
	hind				
,, 3	fore		6	30	
	hind				
,, 4	fore		7		
	hind				
,, 5	fore		8		
	hind	without calkins	9 or 8 heel holes*		
		with ,, †	10 toe ,,		
,, 6	fore		8	36	
	hind	without calkins	9 or 8 heel holes*		
		with ,, †	11 toe ,,		
,, 7	fore		9	36	
	hind	without calkins	9 heel holes		
		with ,, †	11 toe ,,		
,, 8	fore		9		
	hind	without calkins	9 heel holes		
		with ,, †	11 toe ,,		
,, 9	fore		12‡	40	
	hind	without calkins	10† heel holes		
		with ,, †	13‡ toe holes		
,, 10	fore		12‡	40	
	hind	without calkins	12‡ heel holes		
		with ,, †	13‡ toe holes		

* According to brand of nail used.

† For each pair of hind shoes with calkins, 9 nails are allowed for the holes, and 9 for heel holes.

‡ Capewell.

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Table of Nails for Horse, Mule, and Pony Shoes—*continued.*

Description of Shoes.	Nails required for the several Shoes. Designation Number.	Nails required for the several Shoes. No. per set of shoes.	Remarks.
Mule Shoes.			
No. 11, 12 (also for donkeys)	5, 4 or 3* / 5 or 4*	30	
,, 13	6 or 5*		
,, 14	6 or 5*		
,, 15	7	40	
,, 16	7 or 8		
Pony Shoes.			
,, 21 fore ... ... / hind	4 or 2*	30	

* According to brand of nail used.

Infantry Regimental Transport.

Shoes, horse, for infantry Regimental Transport.
40116
6090

215. Horseshoes will be issued on demand, in sizes as required, at the rate of one set per month, for each animal borne on the establishment of regimental transport in battalions of infantry together with the proportion of nails specified in the preceding table. All the worn-out shoes will be returned to the Army Ordnance Department.

Military Mounted Police.

Shoes, horse, for military mounted police.

216. The military mounted police will draw machine made shoes for the whole of the horses on their establishment, in such quantities as may be required, all worn-out shoes being returned to Army Ordnance Department for disposal. At stations other than Aldershot no forge or shoeing tools will be specially issued, and horses will be shod by the farrier serjeant of the corps to which the horses are attached. At Aldershot, one, "Chest, tool, filled, No. 7," may be drawn for the farrier quartermaster serjeant attached to the staff.

The proportions of the various sizes of horseshoes to be drawn as follows :—

Description.		No. per cent.	No. of nails.	Total of nails per set of 4 shoes.
Shoes, horse, pairs	No. 5 fore / hind	50	No. 8	30
	,, 6 fore / hind	50	,, 8	36

Mounted Infantry.

Shoes, horse, for mounted infantry.

216A. Mounted infantry, when employed as such, will draw the full complement of machine-made shoes, viz., 1 set per month per horse. All worn-out shoes will be returned to the Army Ordnance Department.

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Frost Nails.

217. On the 1st September in each year demands will be put forward by officers commanding mounted units at home (Jersey and Guernsey excepted) for frost nails in the following proportions :— Frost nails.

	No. of nails per horse.
Cavalry	40
Royal Artillery (horse, field, and mountain batteries)	40
Royal Engineers	40
Infantry (regimental transport)	60
Army Service Corps	120
Military mounted police	120

The nails remaining on hand on the 31st March following will be returned to store.

SECTION X.—CAMP EQUIPMENT.

218. The proportions of camp equipment for mounted and dismounted services, on manœuvres and in standing camps, and scale of tents for active service, are contained in Appendix VI. The scale for standing camps will guide issues to troops placed under canvas for the season, or for lengthened periods, or when camps are formed for accommodation of troops at gun or rifle practice. When barracks have to be temporarily vacated, tents and other articles may be drawn by officers commanding, as far as may be necessary, on the scale for standing camps. Proportions allowed.

219. Camp equipment and such other stores issued in connection therewith as may be received for temporary use, for manœuvres or other encampment purposes, and for like services, will not be brought on charge in the equipment ledgers, but will be accounted for on Army Form G 973 to the ordnance officer with whom the transactions occur. Ammunition will not be accounted for on this form. For temporary use not taken on ledger charge.

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4390

219A. Charges for deficient camp equipment will be assessed in accordance with the instructions contained in paragraph 96, except that a reduction from full vocabulary rates will only be made upon the certificate of the ordnance officer who made the issue, that the rates charged are the fair or real proportionate value of the articles deficient. Charges for deficiencies.

220. Tents only (and bed boards and trestles if necessary) will be supplied by the Army Ordnance Department to supplement barrack accommodation. All other barrack stores will be supplied by the Army Service Corps. Supply of tents and barrack stores.

221. When the General Officer Commanding finds it necessary to increase the regulated proportions of stores supplied in camp, he will proceed as directed in paragraph 6. Increase in proportions

222. In all issues for camps of manœuvre or flying columns a home, the General Officer Commanding may, if he thinks fit, reduce the proportions in view of the requirements of the particular service, and the strength of the troops and companies, and so diminish the weights to be transported. Reduction of proportions.

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223.
224. } *Cancelled.*
225.

Deficiencies of camp equipment.

226. Prior to leaving the camp, or at the termination of the service, accounting officers will see that all the articles taken on charge are duly accounted for on Army Form G 973, as either returned into store or deficient. Any deficiencies will be charged against the unit, except in the case of wooden tent pins, of which 5 per cent. may be written off charge as expended by fair wear. In the event of lost stores being subsequently found, the procedure laid down in paragraph 88A will be followed.

Tent pins.

Method of drawing camp equipment by non-accountants.

227. Officers who are entitled to camp equipment, but who are not accountants and are not attached to a corps, will make their requisitions in duplicate on Army Form G 968. The depôt of supply will be inserted by the ordnance officer, who will retain one copy of the requisition and return the duplicate, which, when signed by the person receiving the stores, will be given as an issue voucher to the ordnance officer at the supply depôt, and that officer will give the officer responsible for the stores a receipt voucher, by which to take them on local charge on Army Form G 973. The officer drawing the stores will be held responsible for their due return to the Army Ordnance Department; and when the stores are returned a receipt voucher on Army Form G 1033 will be sent with them, upon which will be given particulars as to the date of the original supply and by whom made.

Wood bottoms for circular tents.

228. Wood bottoms for circular tents, or for marquees used for hospital purposes, will be issued when, owing to the dampness of the ground or to other causes, their use is certified to be necessary by the principal medical officer. They will not be supplied for officers', store, office, or workshop tents.

229. The General Officer Commanding, in authorising the supply of wood bottoms, will proceed as directed in paragraphs 5 and 6.

Picketing gear, etc., for Officers' horses and hired horses.

230. Nosebags, picketing gear, waterproof covers for saddlery, and forage nets, will be supplied in camp free of charge for the regulated number of officers' horses, and for such hired horses as may be employed on the public service. For hired horses there will also be supplied blankets, surcingles and pads when required

Barrack stores in standing camp.

231. Such barrack stores as are necessary for troops when in a standing camp will be specially applied for to the Army Ordnance Department by commanding officers, and will be accounted for as directed in paragraph 219.

Mounted units proceeding by route march.

232. Mounted units proceeding by route march in the United Kingdom, require no camp equipment when the men and horses are billeted nightly. In cases where it is necessary to encamp during the march, officers commanding units will make requisition, previous to marching, for the camp equipment they require, being guided generally by the proportions laid down for "manœuvres," but demanding only such articles as are absolutely necessary.

All articles to be thoroughly dried before being given into store.

233. To prevent the injury caused by damp and mildew, all tents, blankets, nosebags, sheepskins, canvas and leather buckets, and other canvas linen, cotton, woollen, or leather articles which

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have become wet while in use, will be thoroughly dried, and cleaned as far as possible by the troops, before being returned into store.

234. Camp kettles and other articles liable to injury from rust, will also be dried and cleaned by the troops before return to store. Camp kettles to be cleaned.

235. When troops under canvas have to march on immediate orders, the chief ordnance officer will confer with the officer commanding the troops as to the steps which should be taken for the drying and cleaning of the camp equipment, prior to its being returned into store on the breaking up of the camp. Troops under canvas moving.

236. The chief ordnance officer will bring to the notice of the officer commanding the troops any instance in which the camp equipment is not returned into store in a proper state, due allowance being made for fair wear and tear. Officer commanding to be informed of irregularities.

237. Four used circular tents may be supplied to each regiment of cavalry, battalion of infantry, and each regimental district requiring them, for the purpose of instruction in pitching and striking. Batteries of horse, field and mountain artillery, and units of Royal Engineers are allowed two tents; companies of garrison artillery and companies of the Army Service Corps, and Army Ordnance Corps, one tent each. Headquarters of companies of Royal Army Medical Corps will be supplied with one circular tent, and one marquee each. Unserviceable articles will be utilized. These tents will be brought on charge in the equipment ledgers, and will be dealt with as equipment. Tents for instruction in pitching and striking.

238. To carry out the instructions in "field training," referred to in the "Infantry Drill," Part X, ten "kettles, camp, oval, twelve quarts," and four "buckets, canvas," may, when required, be drawn from the Army Ordnance Department by each battalion for the use of the company struck off duty. For cavalry, ten "kettles, camp, oval, twelve quarts"; six "axes, pick, 6½ lbs.," and six "spades N.P." may be issued for each regiment. For the Royal Army Medical Corps each headquarters of companies will be supplied with three "kettles, camp, oval, twelve quarts"; three "axes, pick 6½ lbs."; one "hook, bill"; one bundle of brush wood pickets; one pair cacolets; one pack saddle complete; and four "spades N.P." They will be brought to account in the equipment ledger in the usual manner. On change of station these stores, together with those specified in paragraph 237, will be handed over to the incoming unit. Supply of camp kettles, &c., for instruction.

For brigade divisions of field artillery 9 camp kettles, 6 picks and 6 shovels will be drawn and accounted for as the officer commanding brigade division may direct. When batteries are stationed singly a proportionate quantity of these stores only will be drawn and accounted for as directed for other units.

239. The articles detailed below will be issued in addition to the tents and tools authorised to be supplied for instructional purposes by paragraphs 237 and 238. Additional articles for instruction.

Cordage	white, 3-strand, ¾-in., 4 ft. long	pieces	20
	tarred, 1½-in., 20 ft. long	,,	20
Spars, wood, 12 ft.			6

These articles will be issued on the terms stated in paragraphs 237 and 238.

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Picketing gear for cavalry.

240. The articles detailed below, sufficient for one squadron, will be issued, if required, to each regiment of cavalry for instructional purposes, in addition to the tents allowed by paragraph 237:—

	For a regiment not on the Higher Establishment.	For a regiment on the Higher Establishment.
Mallets, heel peg	10	13
Pads, surcingle	98	136
Pegs, picketing	206	288
Ropes { head, cotton	98	136
Ropes { heel	98	136
Ropes { picketing, 4 ft. 9 ins.	98	136
Bags, corn, 12 lbs...	98	136
Nets, forage.. .. .. .. pairs	98	136

SECTION XI.—ARTIFICERS' AND WORKSHOP TOOLS.

I.—ARTIFICERS' TOOLS.

Supply of boxes and tools for armourers.

241. An armourer's box with tools (as detailed in Appendix IV) will be supplied to each unit provided with an armourer serjeant. These articles will be kept up by the armourer serjeant and will be inspected quarterly by a competent person, under the orders of the commanding officer, who will certify in the equipment accounts that this service has been performed. A special examination of the box and tools will be made on the transfer of these articles from one armourer serjeant to another, to ensure their being handed over in a complete and efficient state.

Instructions for packing armourers' tools, &c.

242. Instructions for packing armourers' tools and spare parts of small arms, to be carried out by units on embarkation for distant stations abroad, are printed in the Instructions for Armourers. These directions do not apply to troops proceeding to the Mediterranean, West Indies, British North America, or Bermuda.

Tools for regimental artificers.

243. Tools supplied for the use of regimental artificers in repairing the service equipments or armaments, or for the general service of the army, are not to be employed for private purposes. Lists of tools for repair of the service equipments or armaments are given in the several details of Cavalry, Royal Artillery, and Royal Engineers, Part 2, and of tools for general service in Appendix V.

Tools for Pioneers.

244. A set of pioneers' tools and appointments is issued for each service squadron of cavalry, including Household Cavalry, and each battalion of infantry. These tools are described in the Cavalry and Infantry Details in Part 2.

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II.—TOOLS FOR MILITARY WORKSHOPS.

245. To encourage the employment of soldiers in trades, sets of tools will be supplied to regiments of cavalry, battalions of infantry, and principal stations of Royal Artillery at the public expense, under the special sanction of the general officer commanding in each case, and subject to the following conditions:— Issue to cavalry, infantry, and headquarters R.A.

a. That there are qualified tradesmen to use them.

b. That they remain in charge of the unit to which they are issued, and are only returned to store on the authority of the general officer commanding; and on the understanding that the unit so returning them will be charged with the difference between their original cost and their actual value at the time of their receipt into store. Conditions of issue.

c. That they be kept in order, repaired, replaced when lost or worn out by use, at the cost of the unit.

d. That articles required to replace any of those issued be demanded of the Army Ordnance Department, in order to ensure uniformity of pattern.

Lists of these tools will be found in Appendix V.

246. Commanding officers will direct an inspection of the tools to be made quarterly; and will certify in the ledgers in which they are brought on charge, that this service has been performed. Inspection of tools.

247. When tools are issued to the Royal Artillery, under paragraph 245, they will be accounted for by the officer commanding the depôt company; or, where no depôt company exists, by the officer commanding a service company to be detailed by the officer commanding Royal Artillery in the district, in accordance with Part 2 Section XII. Accounting for tools issued to R.A.

248. Tools for trades will not be allowed to regimental districts. Not allowed to Regimental Districts.

SECTION XII.—SIGNALLING EQUIPMENT AND MEKOMETERS.

I.—SIGNALLING EQUIPMENT.

249. Signalling equipment will be demanded on Army Form G 997. Stores, requisitions for.

250. Supplies will be confined to regiments of cavalry, battalions of infantry, mountain batteries and companies of artillery, and units of Royal Engineers. Issues will not be made to regimental Supplies.

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districts. A complete set of signalling equipment will be held on station charge at Jamaica and at St. Lucia, for use in case of necessity.

251. The stores to be drawn for use at the School of Signalling are detailed in Part 2, Section VIIA.

II.—MEKOMETERS.

Instructions. **252.** Mekometers will be supplied as shown in the several corps details. Instructions will be found in Appendix XV.

SECTION XIII.—LITHOGRAPHS AND PHOTOGRAPHS.

Lithographs. **254.** Lithographs of warlike matériel prepared in the manufacturing departments, Royal Arsenal, Woolwich, are issued as under :—

	R.L. and R.G.F. only.	R.C.D., R.L., and R.G.F.	
	To officers commanding R.A., for instructional purposes.	To officers commanding R.A. districts for reference.	To ordnance officers for departmental use.
Home.	Of each.	Of each.	Of each.
Aldershot ...	1	1	2
Chatham ...	...	1	2
Chester ...	...	1	1
Colchester	1	1	1
Cork ...	1	1	1
Curragh ...	...	...	1
Devonport	1	...	2
Dover ...	1	1	1
Dublin ...	1	-	1
Edinburgh...	...	1	1
Gosport ...	1	...	...
Guernsey ...	...	1	...
Harwich ...	...	...	1
Ipswich ...	1	...	...
Jersey ...	...	1	...
Leith Fort...	1	...	...
Liverpool ...	1	...	...
Londonderry ...	...	1	...
North-Eastern District (York)...	...	1	1
North-Western District (Chester)	...	1	1
Newbridge...	1	...	...
Newcastle ...	1	...	...
Pembroke ...	1	1	1
Portsmouth	1	1	3
School of Instruction, Western District ...	1	...	...

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	R.L. and R.G.F. only.	R.C.D., R.L., and R.G.F.	
	To officers commanding R.A., for instructional purposes.	To officers commanding R.A. districts for reference.	To ordnance officers for departmental use.
Home—contd.	Of each.	Of each.	Of each.
Sheerness ...	1	1	1
Sheffield ...	1	...	...
Shoeburyness ...	1	...	...
Shorncliffe...	1	...	...
Sunderland ...	1	...	...
Weedon ...	1	...	1
Western Forts (Isle of Wight)...	1	...	...
Weymouth ...	1	...	...
Woolwich ...	1*	1*	...
Yarmouth ...	1	...	...
Abroad.			
Barbados ...	...	1	1
Bermuda ...	1	1	2
Cape Town ...	1	1	1
Ceylon, Colombo...	1	1	2
Gibraltar ...	1	1	1
Halifax, N.S. ...	1	1	1
Hong Kong ...	1	1	1
Jamaica ...	...	1	1
Malta ...	1	1	2
Mauritius ...	...	1	1
Sierra Leone ...	...	...	1
St. Helena...	...	1	1
Straits Settlements ...	1	1	1

* Horse and Field Artillery subjects only.

Three copies of each R.C.D., R.L., and R.G.F. lithographs are issued to Commandant, School of Military Engineering, Chatham, and one copy of each will be issued to Commanding Royal Engineers when demanded.

254A. A supply of photographs of selected artillery stores will be made periodically to the Artillery Schools of Instruction and Ordnance College, for instructional purposes in addition to the lithographs.

255. The issue of lithographs to officers and departments not specified in the foregoing table will be specially provided for. Other services.

256. Quarterly lists of lithographs added to the series are published in the Lists of Changes in War Matériel. Quarterly lists.

257. Text books, hand books, and range tables will be issued as laid down in Part 2, Artillery Special Instructions and Details. Text books and range tables.

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SECTION XIV.—MISCELLANEOUS STORES.

Pace sticks, and other articles.

259. Pace sticks, ropes for drill, saluting flags, regimental camp colours, letter bags, metronomes with stands, cleaning materials for offices, and other miscellaneous stores, will be provided out of the Allowance for Miscellaneous Stores, granted by the Allowance Regulations.

54 Gen. No. 8311

259A. Machines, or hand clippers, for clipping horses will be provided regimentally (except by infantry battalions), and an allowance of sixpence per horse clipped may be charged once a year in the regimental pay lists. The charge will be supported by a certificate of the commanding officer, showing the number of horses clipped.

Schoolmaster's box.

261. One "box, schoolmaster's," will be issued to every schoolmaster on appointment. This box will be renewable after 12 years, if unserviceable. It will be accounted for by the officer under whom the schoolmaster is serving.

Stationery for field sketching, &c.

263. The colours, brushes, papers, pencils, cardboard, string, india-rubber, and other articles of stationery required for instruction of cavalry and infantry in field sketching and reconnaissance will be supplied, on receipt of a requisition from units, on Army Form L 1380.

Blackboard and easel for R.A.M.C.

263A. A blackboard and easel, complete, for instruction of non-commissioned officers and men of the Royal Army Medical Corps in various technical subjects, will, except to A and B Companies, be issued to the head-quarters of the several companies, and to the undermentioned detachments at home and abroad :—

Home.	*Abroad.*	
Gosport.	Pietermaritzburg,	South Africa.
Shorncliffe.	Wynberg,	South Africa.
	Cape Town,	South Africa.
	Hong Kong.	
	Gibraltar.	
	Valetta,	Malta.
	Cottonera,	Malta.
	Alexandria,	Egypt.
	Cairo,	Egypt.

Wicks with lamps and lanterns.

263B. All lamps and lanterns which burn oil, when first issued by Army Ordnance Department will, except those issued for barrack services, be complete with one foot of wick. The wicks for magazine lanterns and signalling lamps will be issued to the troops by the Army Service Corps on the usual requisitions.

Stores for veterinary purposes.

264. Consumable stores for veterinary purposes will in peace be issued quarterly in the proportions given in the following table on the requisition of the veterinary officer in charge of the unit, countersigned by the commanding officer of each unit concerned. The requisition will be made on Army Form G 1027. It will state the number of horses for which the stores are required, and will show any articles remaining unexpended at the time. These stores will not be accounted for in the equipment ledgers, but will be a final issue

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from the Army Ordnance Department, and the issue voucher upon which they are charged will be signed by the veterinary officer only. The proportions of blankets, and of pads and surcingles allowed for sick horses will, when required, form part of the equipment of the unit, and be included in the equipment ledger.

CONSUMABLE STORES FOR VETERINARY PURPOSES.

3 Months Supply.	Per 100 Horses.	
Woolwich Section 5.		
Sponges, 7 drachms	4*	Para. 1042I L. of C.
Woolwich Section 7.		
Pins, mixed .... oz.	¼	
Woolwich Section 11.		
Corks, assorted	6	
Woolwich Section 18.		
Tow { coarse .... lbs.	2	
Tow { fine .... ,,	1	
Twine, packing, small .... oz.	1	
Woolwich Section 27.		
Bandages, horse....	6	
Linen, unbleached (for bandages) .... yds.	3	
Oat sacking, 27 inches (for poultices).... .... yds.	4	54 / Art. / 9699
Tape, white, ¾-inch .... pieces	1*	
Woolwich Section 30.		
Paper { brown, common (for packing) .... quires	¼	
Paper { white, fine (for balls) .... ,,	¼	
Woolwich Section 31.		
Blankets, grey, worn out { "A" (Remount) Co. A.S.C.	50†	
Blankets, grey, worn out { "B" ,, ,, ,,	50†	
NOT IN VOCABULARY.		
Flannel, old (for fomentations) .... lbs.	7½	
Numnahs, old (for foot swabs)	2	

* To be drawn at these rates every six months only.
† These are the total quantities to be drawn for each company annually.

SOAP.

265. Soap for the personal use of soldiers will be supplied by the Army Ordnance Department, will be demanded by the piece (each bar of soap contains four pieces) and will be accounted for in the regimental equipment ledger. Soap: How demanded and accounted for.

In peace or on mobilization one piece will be supplied to every soldier entitled to a free kit of necessaries under the Clothing Regulations, and will be kept up afterwards at his expense as part of his kit. Supply for kit.

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War supplies.

For war, a quarterly allowance of 3 pieces per officer, warrant officer, non-commissioned officer and man, as well as 24 spare pieces per 100 of all ranks will be required; of this, one piece will be carried in each kit, and mobile units will have remainder carried in the regimental transport, other units holding their reserve as most convenient.

Supply on board ship.

Supplies required for use on board ship will be provided regimentally, and will be paid for out of the advance of pay.

Payment for.

Soap will be supplied on payment at the published rates: credit will be given in Army Form P 1963 for the total number of pieces issued on payment.

WAGONS.

Footboards to be fastened up.

265A. When driving the undermentioned wagons, otherwise than by long rein, or turning them when in store, footboards will be fastened up to prevent the stays being wrenched away.

Ammunition and store, R.A., Mark II.
G.S. { Marks III. and IV.
R.E.
Light, spring, surgery.

SECTION XV.—STORES FOR THE INSTRUCTION OF TROOPS IN MILITARY ENGINEERING.

Proportion for Military Districts.

265B. Proportions of sets of tools and stores for instruction in military engineering, as detailed in Appendix XI, are laid down for military districts, as follows:—

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Stations.	Companies, Royal Engineers.	Battalions of Infantry.	
North-Eastern District	...	2	
North-Western ,,	...	2	54
Eastern District	1	2	Engrs.
Western ,,	...	3	275
Southern ,,	1	4	
South-Eastern District	1	3	
Home District	...	1	
Woolwich District	1	1	
Aldershot ,,	3§	5	
Scottish ,,	...	1	
Jersey	...	1	
Guernsey	...	1	
Ireland:—			
Belfast District	...	2	
Dublin ,,	...	4	
Curragh ,,	1	2	
Cork ,,	1	3	
Barbados	...	1*	
Jamaica	1†	1	
Halifax	1	1	
Bermuda	1	1	
Malta	1	4	
Gibraltar	2	2	
South Africa { Cape	1	1	
South Africa { Natal	1	2	54
South Africa { St. Helena	...	1*	Engrs.
Mauritius	1	1*	9999
Hong Kong	1	1	
Straits Settlement	½	1	
St. Lucia	...	1*	
Ceylon	½	1*	
Egypt	1	1¶	57
Esquimalt	½	...	Canada
Sierra Leone	1*	...	983

* Special sets are authorised for these stations, see Appendix XI.
† For West India Fortress Company, R.E. (Jamaica and St. Lucia).
§ 3 extra sets of consumable stores will also be allowed for the use of the Royal Engineer companies at this station.
¶ A special set in addition is authorised for use at Alexandria.

265C. The proportion authorised for a battery of horse or field artillery is given in Appendix XII. The issue will be restricted at Aldershot to one battery. The instruction to be conveyed by these stores embraces the construction of bridges, derricks, jetties, rafts, epaulments, gun pits, &c. The proportion given in Appendix XIII, is the supply authorised for a regiment of cavalry. Horse or field artillery and cavalry.

265D. Demands to complete the establishment of these tools and stores will be sent, by the 1st August, by the district Engineer or commanding Royal Engineer (as the case might be), to the chief ordnance officer, on Army Form G 989. Demands.

When it becomes necessary to procure any of the articles locally, the purchase will be effected under the authority of the chief ordnance officer.

265E. Staff officers for instruction, battalions of infantry, and cavalry pioneers, will be supplied with the necessary tools and materials for military engineering, and for the repair of rifle butts and ranges, from the stock in charge of the sub-district commanding Issues on inventory.

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Royal Engineer concerned. The articles so supplied will be entered on inventories (Army Form G 989). The necessary instruments will also be supplied, on inventory, by the commanding Royal Engineer, from the stock in his charge to staff officers for instruction, except in the case of the Thames District, where the supply will be met by the commandant, School of Military Engineering. All articles, thus supplied on inventory, will remain in charge of the sub-district commanding Royal Engineer who makes the supply.

Local purchase for staff officers for instruction.

265F. If any materials, or tools, that may be specially and immediately required by staff officers for instruction in carrying on their duties, cannot be supplied by the Army Ordnance Department, they may be purchased locally by the ordnance officer, upon the requisition of the staff officers for instruction, approved by the commanding Royal Engineer. But such special local purchases will not exceed the value of 5*l.* annually for each instructor.

Stores for visual signalling.

265G. Stores, for the purpose of effecting communication by means of visual signalling between different posts in fortresses, and military stations, will be issued upon an establishment drawn up for the station concerned; which establishment must have received War Office approval before issues are made. The stores, when issued, will be in charge of sub-district commanding Royal Engineers concerned, and will be held on inventory by the troops using them.

265H. Application for all necessary transport, required in transferring the tools and materials from one corps to another, will be made by the sub-district commanding Royal Engineer.

SECTION XVI.—MARKING EQUIPMENT.

I.—GENERAL INSTRUCTIONS.

Stamps for marking.

266. Stamps are supplied to the various services requiring them, for marking arms, accoutrements, harness, and saddlery. The adoption of an unauthorised method of marking, or the employment of stamps differing from the standard patterns, will render a unit liable to charges for damage.

Permanent marking limited.

267. With the exception of articles of equipment for man and horse, stores issued for the service of the troops are not to receive any indelible corps marks which would render them unfit for re-issue. Should it be found, on such articles being returned into store, that they have been so defaced, the cost of the articles will be charged against the unit for whose use they were issued.

Marking on mobilization.

267A. All arms, accoutrements, harness, and saddlery, issued to, or taken into use by, troops on mobilization will be marked, with as little delay as possible, with corps marks and progressive numbers, in the manner indicated in the regulations for mobilization. They will not be marked with a date of issue.

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268. Articles of equipment supplied from time to time for temporary purposes will not receive corps marks; with the exception of extra service accoutrements supplied to corps and regimental districts in excess of their regulated strength. Articles temporarily supplied not to be marked.

269. Should additional equipment be issued to detachments (*see* paragraph 93), the marking will be from 1 upwards, but with the prefix 0. The marking would thus read 01, 02, 03. How marked for detachments.

270. As a general rule the service of marking the equipments is performed, free of charge, by the paid regimental artificers, as part of their duty. Money allowances are, however, granted for marking artillery stores connected with armaments, accoutrements and musical instruments in certain cases, and squad bags when first issued. The allowances for marking accoutrements and squad bags cover both labour and the ink or paint required. Equipment marked by artificers.

271. The paint required for marking baggage (*see* King's Regulations) may be purchased by commanding officers as required, the charge being supported by a certificate stating the number of packages marked. Marking baggage.

II.—MARKING ARTILLERY STORES, &c.

(*See also Appendix X.*)

274. All side arms, handspikes, levers, as well as the handles of all intrenching tools, and other articles required for manual labour, will be left unpainted. When it is necessary to mark these articles, they will be lettered in paint, with the distinguishing marks of the unit to which they respectively belong. Marking and painting handles of tools, &c.

275. One gun, one carriage, one slide, and one pile of shot or shells in each battery, will be marked with the date of painting; and, in the event of its being necessary to exchange any guns, or other stores connected therewith, in permanent works before the next periodical painting takes place, those received will be marked with the date when last painted, so that the record may be accurately kept. The marking will be of the simplest kind, as, for example, "12/00," signifying that the painting was performed in December, 1900. Marking armaments. Example

276. Three halfpence per hour will be allowed for this service, except when such marking is performed by means of stencil plates in which case no allowance will be sanctioned. Allowance for marking.

277. The marks and numbers on stores of all natures, and every kind of projectile and fuze, on guns and artillery carriages, as also on all carriages forming the equipment of units, will be noted in all reports relating to the repair, alteration, and condemnation of such stores, in order that the date of manufacture may be readily ascertained. Marks included in reports.

III.—MARKING ARMS.

278. All arms, except those for mobilization (*see* paragraph 267A) are issued to the troops marked with the month and last two figures of the year of issue, thus, 1.00, 3.01, &c. Full instructions as to all other marking will be found in the Regulations for Army Ordnance Services. Marks before issue.

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Care should be taken that the marks on the arms are not too deeply stamped.

When an armourer serjeant is not available.

279. In cases where the services of an armourer serjeant are not available for marking the arms, commanding officers, in making requisitions on the Army Ordnance Department, will state the particulars of the corps marks and numbers that should be placed upon the articles.

Stamps lent by A.O.D.

280. Stamps for marking swords, and sword-scabbards, will be lent to dismounted services by the Army Ordnance Department.

Issues to replace others.

281. Arms issued to replace others will be given the numbers of the articles replaced.

IV.—MARKING ACCOUTREMENTS.

Nature and position of marks.

282. All accoutrements, except those for mobilization (*see* paragraph 267A), will be marked by the Army Ordnance Department before issue with the month and last two figures of the year of issue, beneath the W.D. and broad arrow of the War Department, thus, 2.06, 3.01, &c. When received by the troops, they will be further marked, before being taken into use, to correspond with the arms. Accoutrements that have been in use, and are re-issued, will be marked by the Army Ordnance Department before re-issue, black equipment, with the letter W. and the month and year of re-issue; buff equipment, with the month and year of re-issue only in red ink.

Part-worn articles.

283. Part-worn articles returned to store will be marked by the ordnance officer at the station with the month and year of return.

"Extra service" accoutrements.

284. Accoutrements supplied for men in excess of the regulated establishments will be marked by the unit with consecutive numbers and the distinguishing corps marks, valises being marked inside only. Such accoutrements when returned to store will be available for re-issue to any service as part-worn articles, and will be then further marked as directed in paragraph 282.

Stamps for marking.

285. Buff accoutrements will be marked with $\frac{1}{2}$-in inlaid copper stamps in mounted units, and with $\frac{1}{4}$-in. brass or gunmetal stamps on wood ($\frac{3}{16}$-in. for terminal letters for infantry only) in dismounted units, as shown in the several corps details, marking ink being used in each case for the purpose. Black or brown accoutrements will be marked with $\frac{1}{4}$-in. steel stamps, for wood, care being taken that the leather is not cut, but merely indented. Branding the accoutrements is strictly prohibited. (*See* also paragraph 267.)

Branding prohibited.

Enamelled iron water bottles.

287. Enamelled iron water-bottles will be marked with corps marks only, in the centre and on the side of the felt cover which is exposed to view when the bottle is worn. The marking will be done with $\frac{1}{2}$-in. copper inlaid stamps, and "ink, marking, woollens." The buff strip, or chain, for securing the cork will be worn facing the rear. If, when returned to store with corps marks on them, the water-bottles are considered fit for re-issue, the felt covers will be taken off by the Army Ordnance Department, turned, and resewn.

Straps for water-bottles.

288. The straps for water bottles will be marked in the same manner as accoutrements.

Intrenching implements.

289. The intrenching implements, pickaxe and shovel, will be marked on the wood handle on the side next the man's body as it hangs, with the stamps supplied for marking wood.

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290. The inside of the flap of the valise, will be marked in marking ink, with the same marks as the other accoutrements, by means of the metal stamps supplied. In the case of units wearing the infantry valise, the territorial name or letters will be marked by stencilling, on the outside of the flap in 1-inch letters and numerals. Stamps for cutting these stencil plates are supplied to all districts. In the case of the R. W Surrey and E. Kent regiments, "Queens" and "Buffs" will be substituted for the territorial name. Marking valises.

291. The battalion number and county name or letters will be placed as nearly as possible across the centre of the valise, thus :— Nature of marks.

1. LOTHIAN. 2. BUFFS. 3. WARWICK.

292. But where initial letters only are used, care will be taken to place the battalion number on the left of the central strap which passes over the flap, and the regimental letters on the right, leaving a space between for the strap, thus :— Position of marks when initials only are used.

1. | | R.F. 2. | | R.I. 3. | | S.W.B.

293. The grenade, and bugle, used respectively with fusilier and light infantry regiments will be placed to the left of the numeral. Grenades and bugles.

295. The valises of regimental depôts will not be marked on the outer flap. They will be marked on the inside only with marking ink. Regimental depôts.

296. Valises issued to the Royal Artillery, Royal Engineers, Army Service Corps, and Departmental Corps will be marked on the outside, by means of stencilling, with corps marks, as in the following examples :— R.A., R.E., A S.C. and Departmental Corps.

ROYAL ARTILLERY.

(*a.*) *On the outside of the flap.*

R. | | A.

N.B.—To ensure uniformity in appearance, the letters should be placed equidistant between the two loops on the flap.

(*b.*) *On the back of the Valise.*

10	S	.... No. 10 Company, Southern Division.
Dep.	S	.... Depôt Company, Southern Division.
Dep. (1)	S	.... 1 Sub-Depôt Company, Southern Division.
D	S	.... Regimental District Staff.
S	DE	.... Southern District Establishment.
SCO	DE	.... Scottish District Establishment.

Bermuda Company, Royal Artillery	....	.... B. Co.	R.A.
Ceylon Company, Royal Artillery	....	.... C. Co.	R.A.
Hong Kong Company, Royal Artillery	....	H. K. Co.	R.A.
Jamaica Company, Royal Artillery	....	.... J. Co.	R.A.
Mauritius Company, Royal Artillery	....	.... M. Co.	R.A.
Sierra Leone Company, Royal Artillery	....	.... S. L. Co.	R.A.
Singapore Company, Royal Artillery	....	.... S. Co.	R.A.
St. Lucia Company, Royal Artillery	....	..St. L. Co.	R.A.
St. Helena { Emergent Detachments		St. H.	R.A.
Sierra Leone { Royal Artillery		S. L.	R.A.
School of Gunnery, Royal Artillery	....	.... S. G.	R.A.

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Where it is necessary to distinguish the particular company the numeral will be added thus :—

1 H. K. Co. or 2 H. K. Co.

ROYAL ENGINEERS.
R | | E

ARMY SERVICE CORPS.
A | | SC

ARMY ORDNANCE CORPS.
A | | OC

ROYAL ARMY MEDICAL CORPS.
RA | | MC

ARMY PAY CORPS.
A | | PC

Paint to be used.

297. The paint to be used for marking the flaps of valises will be of the following colours :—

White.—Dismounted units, except light infantry and rifle battalion.
Green.—Light infantry and rifle battalion.

The composition of the white paint will be as follows :—

Lead, white, ground in oil	4 lbs.
Gold, size	½ gill.
Turpentine	¼ gill.

The marking with this mixture will dry, in an ordinary store, in about eight hours.

Paint, green, Brunswick, ground in oil, 4 lbs., for outside flap of valises in possession of rifle regiments and light infantry battalions.

In marking the valise the brush should be used almost dry, with the paint thick. The flap should be laid flat upon a hard smooth surface, and the paint dabbed in, the brush being held vertically, and on no account worked across the stencil plate. The back of the plate should be kept clear of paint with a turpentine rag, and the face also occasionally wiped with the rag to prevent an accumulation of paint.

Marking whistles.

298. The whistles of infantry will be marked on one side of the acorn with the territorial letters or regimental district number, and on the other side with the number of the whistle, from 1 upwards. The battalion numeral will be dispensed with. The whistles of serjeants of Royal Engineers will be marked in the same manner as their arms. For the purpose of marking, the steel stamps for metal, in possession of armourer serjeants for marking small arms, will be employed.

Stamps for mounted services.

299. Stamps will not be supplied specially to mounted services for marking accoutrements, some of the stamps issued for marking the saddlery and harness being suitable for this purpose also.

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300. The undermentioned allowances are granted for marking accoutrements of dismounted units under the conditions stated :— Allowances for marking.

	s.	d.
a. For every 300 intrenching implements, or carriages, frogs, and loops for the same, and caps, cases, frogs, and straps for pioneers' tools	0	9
b. For every 300 of the articles of valise equipment detailed below, in the case of corps receiving a new equipment, viz., waist belts, braces, pouches, straps, carriages drum, frogs sword, and sword bayonet, loops dirk, slings (rifle and carbine), and the insides of the flaps of valises	0	9
c. For marking the outside of the valise flap in white or green paint with the stencil plate and brush, or for renewing the same when worn off	0	1
d. For the felt coverings of every eight enamelled iron water-bottles (*see* paragraph 287), inclusive of cost of ink	0	2
e. For removing old marking of valise flap when necessary (which may be done with a rag wetted with methylated spirits) including cost of spirits	0	0½
f. Annually for the purchase of marking ink required for use with the metal stamps. (*See* paragraph 285.)		
Battalion	2	0
Regimental depôt .... / Depôt of Royal Army Medical Corps .... / Dismounted depôt company of Army Service Corps	1	0
Company of Garrison Artillery	0	9
District Establishment Artillery .... / Unit of Royal Engineers (except mounted units).... .... / Company of Army Ordnance Corps	0	6

Allowances for marking ink.

301. In calculating claims for marking artillery valises, the stencilling of back and front marks will be considered as two markings. The same consideration will also guide claims for removing old marks when necessary. Rates for artillery valises.

302. These allowances will be charged in the company pay lists, and will be vouched in each case by a certificate showing the number and description of articles marked, the date of their issue, and from what ordnance depôt they have been issued. To be charged in pay list.

V.—MARKING MUSICAL INSTRUMENTS.

303. When the services of an armourer-serjeant are not available, a charge of 3*d.* will be allowed for engraving each bugle, trumpet and drum; and a charge of ½*d.* per letter or figure for flutes and piccolos, which will be engraved, not stamped, on the ivory top of Allowances for engraving the marks.

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each, in consecutive numbers, from one up to the number in possession, and also with the number of the unit in the manner approved for marking the arms.

Practice drum stamped.

304. The silent drum for practice will be marked on the cloth on the under side, with the same stamps as are used for accoutrements.

VI.—MARKING HARNESS AND SADDLERY.

Marking by Army Ordnance Department.

305. All new articles of harness and saddlery, except those issued for mobilization purposes (*see* paragraph 267A), of ¾-in. or more in width, will be marked by the Army Ordnance Department, before issue to the troops, with the month and last two figures of the year of issue, beneath the W.D. and the broad arrow, thus—2·00, 3·01, &c. Articles that have been in use will, when first re-issued for a further period of wear, be again marked by the Army Ordnance Department, with the month and year of issue as above, and with the letter W. showing that they have been in wear before. The date being stamped close under the part worn mark.

Order of marking.

306. Harness and saddlery when received by the troops for peace use, will be stamped with the distinguishing marks of the corps. The sets will be numbered consecutively, harness and saddlery being given different series of numbers. As articles common to both harness and saddlery will be distinguished only by the position of the set number, care must be taken to place the number correctly.

Artillery and cavalry.

In batteries of artillery the numbering will be by sub-divisions, and in the cavalry by squadrons. as in the specimens given below.

Other units.

In other units there will be, for the entire establishment, one series of numbers for sets of universal saddlery, another for sets of officers' saddlery, and a third for single sets of harness. The numbers being placed on saddlery vertically under the corps marks; and on harness in the same line with, and following, corps, or sub-divisional marks, as in the specimens given below.

Head and neck collar.

In every case the head and neck collars will be marked with the number of the horse instead of that of the set.

Royal Horse Artillery.

I	I Battery.
R.H.A.	Royal Horse Artillery.
A	A Sub-division.
4	No. 4 set of saddlery.
I	I Battery.
R.H.A.	Royal Horse Artillery.
B. 3	B Sub-division. No. 3 single set of harness.

Royal Field Artillery.

37 R.F.A.	37th Battery, Royal Field Artillery.
O. 1	Officers' No. 1 set of saddlery.
37. R.F.A.	37th Battery, Royal Field Artillery.
B	B Sub-division.
1	No. 1 set of saddlery.
37. R.F.A.	37th Battery, Royal Field Artillery.
B. 3.	B Sub-division. No. 3 single set of harness.

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Cavalry.

1. L.G.	1st Life Guards.
A	A Squadron.
2	No. 2 set of saddlery.
5. L.	5th Lancers.
B. 1.	B Squadron. No. 1 single set of harness.

Royal Engineers.

T.B.—R.E.—4	Telegraph Battalion. No. 4 set of harness.
T.B.—R.E. / 4	Telegraph Battalion. No. 4 set of universal saddlery.
T.B.—R.E. / O. 2	Telegraph Battalion. No. 2 set of officers' saddlery.

Army Service Corps.

10—A.S.C. 4	No. 10 company Army Service Corps. No 4 single set of harness.
10—A.S.C. / 4	No. 10 company Army Service Corps. No. 4 set of universal saddlery.
10—A.S.C. / O. 4	No. 10 company Army Service Corps. No. 4 set of officers' saddlery.

307. If, on a transfer of harness or saddlery, any of the sets transferred be found to bear numbers already on the harness or saddlery on charge, the articles will be renumbered, either with the numbers of sets transferred from charge, or as additions to the establishment. **On transfer.**

308. The harness and saddlery of each set of regimental transport will be marked before issue, by the Army Ordnance Department according to the principles laid down in paragraph 306, except that a distinguishing "index number," instead of the "corps marks" is to be assigned to the sets, thus:— **Regimental transport for peace.**

$$15\,\text{R.T.}\,3, \text{ or } \frac{15\ \text{R.T.}}{3}$$

where 15 is the index number, and 3 the set of harness or saddlery.

309. The leather work will be marked with $\frac{3}{16}$-in. steel stamps immediately under the army ordnance department mark of month and year of issue. **Stamping leather.**

310. The iron work will be marked with $\frac{1}{8}$-in. steel stamps for metal, the portmouth bit in front of the port, the bridoon bit on top of the mouthpiece, and the stirrup irons on the bottom. **Stamping iron work.**

311. Sheepskins, nosebags, corn-sacks, and corn-bags will be marked with marking ink; saddle-blankets and horse-blankets (veterinary stores) with the "mixture, stamping woollens." Stamps, copper, inlaid, $\frac{1}{2}$-inch, will be used, and the marking will be placed immediately under the War Department store mark. **Marking sheepskins, &c.**

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VII.—MARKING SQUAD BAGS.

Marking exemplified.

312. Each squad bag will be marked on the outside of the upper flap with the initial letter of the company or squadron, the number or appellation of the battalion or regiment, and the month and year in which the squad bag was first issued from the quartermaster's stores.

The following will exemplify the mode of marking :—

B. 4/D. Gs.	D. 2/Gd. Gds.	A. 1/Manch.
1/1900.	1/1900.	1/1900.

Paint, size of letters, &c.

313. The squad bags will be marked with black paint. The figures and capital letters will be $1\frac{1}{2}$ ins. in length.

Allowance for marking.

314. The sum of fourpence for each squad bag so marked on first issue will be allowed; the amount will be charged in the accounts of the unit, vouched by the usual receipt of the person who executed the work, and certified by the officer commanding.

VIII.—MARKING REGIMENTAL DEPOT EQUIPMENT.

Marking of equipment of regimental depôts.

315. In regimental depôts the arms, accoutrements, except those stored for reservists, musical instruments, and all articles enumerated as forming part of the equipment of a soldier, will be marked with the number of the regimental district to which they belong, followed by the letters R.D. The rifle depôts having no numbers, the equipment remaining on charge at such depôts will receive the territorial letter with the D following. Valises will not be marked on the outside, but on the inside only, in the way laid down in paragraph 290.

SECTION XVII.—REPAIR AND PRESERVATION OF EQUIPMENT.

I.—GENERAL INSTRUCTIONS.

Unauthorised work prohibited.

316. Commanding officers will not allow, or pay for the performance of, any work connected with equipments, or armaments, for which there is no regulated provision, without previous authority obtained, at home from the War Office, and at stations abroad from the General, or other Officer, Commanding.

General repairs executed without charge by regimental artificers.

317. Except when otherwise specified in these regulations, the repair, and painting, of all stores that can be performed by the regimental artificers will be executed by them, under the superintendence of their commanding officers, free of charge. The necessary tools and materials will be supplied by the public, or out

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of a money allowance granted for their purchase. Tables showing the time, working pay (when specially sanctioned), and materials, allowed for painting miscellaneous carts and wagons are given in Appendix VII.

318. When any of the materials, detailed in Appendix VII, are required, the officer commanding in whose charge the equipment is, will certify to the repairs being necessary, and will annex such certificate to the demand for the materials made by him on the chief ordnance officer. The commanding officer will subsequently satisfy himself that the repairs or painting have been properly executed. O.C. to certify as to necessity for repairs.

319. The services of the regimental artificers will, when the duties of their own unit permit, and at the discretion of the General Officer Commanding, be made generally available for performing any work which they may be called upon to execute within the limits of their trades, and during working hours, for other units or detachments unprovided with artificers, or requiring the assistance of additional artificers in exceptional circumstances. Employment of regimental artificers for other unit.

320. Repairs which cannot be executed by the regimental artificers will be performed under the direction of the Army Ordnance Department, by the artificers attached to that department, or else in accordance with the directions given in paragraph 321. Repairs by the Army Ordnance Department.

320A. When repairs to stores, including armament and artillery material generally but exclusive of small arms cannot be carried out locally, the chief ordnance officer should apply to the principal ordnance officer, Woolwich, stating what repairs are necessary, what procedure is recommended to effect the repairs, whether repairs are urgent, and date when completion is desirable. Repairs exclusive of small arms.

In the event of undue delay in the return of equipment that has been sent to Woolwich for repair a special report should be made by general officers commanding to the War Office on the subject.

321. Whenever repairs, painting, or other services, involving the expenditure of working pay, or payments to contractors, are required in connection with the equipments of a unit, a requisition will be made by the commanding officer on the chief ordnance officer, stating the nature of the work required, and the cost at which it could be carried out by military tradesmen receiving the authorised rates of working pay, or by local contract. Working pay and payments to contractors.

322. The officer making the requisition will then be informed of the manner in which the service should be performed; and if it be decided to employ military tradesmen, he will, on the completion of the service, certify on the original requisition that the work has been efficiently carried out. The requisition so certified will then be attached to the working pay list as a voucher in support of payment. How authorised. Requisition certified.

323. Materials supplied for the repair and preservation of equipment will not be sold, or exchanged, or used for any equipments but those for which they were demanded; nor will any purchase of materials by commanding officers be sanctioned by General Officers Commanding, except in special cases which should be reported for covering approval. Materials for repair may not be sold, or improperly appropriated.

324. In order to regulate the expenditure of the materials Army Books, 281 and 282 or 283, will be carefully kept by the units concerned, the ledger (Army Book 283) being balanced on the last day of February. The books will be periodically called for by Regulation of expenditure and method of accounting for materials for repairs, &c.

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the Chief Inspector of General Stores, Woolwich Dockyard, for examination and for testing the correctness of the proportions allowed. Stock will be taken every six months by an officer deputed by the commanding officer, and compared with the quantity received and the amount expended. The result will be reported to the commanding officer, who, if satisfied, will sign the store and shop-books. Any deficiencies will be charged against the individuals responsible, and recovered on Army Form P 1963.

The regimental storekeeper will examine Army Book 281 weekly, and satisfy himself that the materials have been expended in work on the public service.

Materials are not to be used for manufacture.

325. Materials supplied for repairing equipment will not, except under special authority, be used for the manufacture of new articles.

Materials in hand to be credited in requisition.

326. In making requisitions for materials for repairing equipment, commanding officers will certify on the requisition that credit has been given therein for any material remaining on hand, and that the quantities demanded, together with these, do not exceed the authorised proportion.

Responsibility for reserve arms and accoutrements at regimental depôts.

327. The responsibility for the care and custody of reserve arms and accoutrements at the head quarters of regimental depôts lies with the officer commanding the regimental district (*see* para. 91). Arrangements will be made for the examination of the arms to ensure that each individual one is inspected, and re-oiled on the outside, at least once in every three months. The insides of the barrels should be wiped out, examined, and re-greased with the diluted composition referred to in paragraph 329, once in 18 months; but if any appearance of rust be observed in the muzzles at the quarterly inspections, such barrels should be immediately wiped out and well re-greased, steps being taken to have them at once examined by an armourer. The services of the non-commissioned officers of the permanent staff of Militia battalions may be utilised for the performance of this work. These reserve arms will also be periodically inspected by viewers detailed by the Chief Inspector of Small Arms in the same manner as those in use by the Militia battalions.

328. *Cancelled.* (See A.O. 207 of 1901.)

Materials supplied.

329. The annual allowance of materials for cleaning and oiling arms, and for their preservation, whilst kept in store at regimental district head quarters for issue to Army Reserve, will be as follows:—

Composition, preserving arms	galls.	2	For every 1,000 stand of M.L.M. arms.
Oil, Rangoon	galls.	1½	
Flannelette	yards	5	
Sheeting, old	lbs.	10	

The "composition, preserving arms" should be diluted with rangoon oil to about the consistency of cream (one part of composition to two parts of oil), and applied to the insides of barrels, and to the flannel portion of the armoury plugs. Rangoon oil, alone, will be used for the working parts of the action, and for the exterior of the barrels.

No materials are required for accoutrements.

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II.—ARMS, ACCOUTREMENTS, MUSICAL INSTRUMENTS, HARNESS AND SADDLERY.

1. Arms.

330. All the implements, stores, and chemical ingredients for browning interchangeable arms, as well as the materials for the repair of the same, are supplied at the public expense to units provided with armourer-serjeants. Oil and material for the preservation and cleaning of arms are supplied to all corps in possession of arms. Details of the stores supplied for repairing, browning, and preserving arms are printed in Appendix VIII. Instructions for the care, repair, browning, &c., of arms and bayonet scabbards, and a list of parts and materials to be carefully packed when regiments proceed on service abroad, are printed in the Instructions for Armourers, and will be supplied to all concerned.

Repair of interchangeable arms.

Browning arms.

Care and repair of arms, &c.

331. The stripping or removal of any part of the arm, except by the armourer-serjeant, or a serjeant instructor who has been through a course of instruction at the Royal Small Arms Factory, Birmingham, is strictly forbidden. Should a commanding officer doubt whether arms of any description under his charge are serviceable, he will report the matter stating the reasons for his opinion; and his report will be forwarded to the War Office. If considered advisable, an examination of the arms in question by the Chief Inspector of Small Arms will then be authorized. Testing weapons of any kind in charge of troops is strictly forbidden.

Stripping and testing arms.

332. When materials are required for the repair of arms, officers commanding squadrons or companies will certify to the repair being required, and upon such certificate the issue will be made by the quartermaster. The commanding officer will subsequently satisfy himself that the repairs have been executed.

Requisitions for, and issue of, materials.

333. Armourer-serjeants will furnish officers commanding companies or detachments (liable to detached duties) with a detailed report of each inspection upon Army Form G 1048.

Reports of inspection.

334. The arms of regimental depôts will be examined annually by the localised armourer-serjeant referred to in paragraph 337. The armourer-serjeants will execute such repairs as are necessary, and re-brown such arms as may require it. Barrels of carbines or rifles, barrels of pistols and cylinders assembled damaged beyond the power of the localised armourer-serjeant to repair will be dealt with as directed in paragraph 343. This arrangement does not relieve commanding officers from responsibility as to the care and repair of the arms, and arrangements will be made by them for such general supervision of the work of the armourer-serjeants as will ensure its being properly carried out.

Annual examination and repair of arms in regimental districts.

Commanding officers not relieved of responsibility.

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335. The non-commissioned officers of the permanent staff of Militia battalions who have been through a course of instruction at the Royal Small-Arms Factory at Birmingham, will be available for

Intermediate and slight repairs.

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the replacement of broken main-springs or strikers, and for the execution of such slight repairs as the arms are likely to require between the annual visits of the armourer serjeants. Should any arms require a more extensive repair than either the non-commissioned officer of the permanent staff or localised armourer serjeant in the district is able to execute, the officer commanding the regimental district will communicate with the chief ordnance officer, who will give instructions for the arms to be sent to the local ordnance depôt for replacement.

Extensive repairs.

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Corps with no armourer serjeant.

336. The arms of a corps or detachment in the United Kingdom unprovided with an armourer serjeant will be dealt with, as far as practicable, in a similar manner to those of depôt companies.

Stations of circuit armourer serjeants.

337. Circuit armourer-serjeants are posted to the following districts. They will be under the orders of the chief ordnance officer of the district in which they are stationed, excepting those shown as attached to Royal Artillery, and considered on the establishment of the Army Ordnance Department in that district :—

Scottish District.	Home District.
N.E. ,,	Southern ,,
N.W. ,,	Thames ,,
Eastern ,,	Guernsey.
Western ,,	

Sub-stations to be visited by Armourer Serjeants.

338. The armourer-serjeants will visit the several sub-stations, respectively, shown below under the districts to which they have been posted, and will also examine annually the arms of the Militia units in their circuits as laid down in the Militia Regulations. These circuits will be subject to alteration from time to time, as the conditions of the service may require :—

LIST OF ARMOURERS' CIRCUITS

Scottish District, 3 *Armourers*.

Aberdeen.	Dingwall.	Hamilton.
Alnwick.	Dumfries.	Inverness.
Ayr.	Dunbar.	Montrose.
Berwick.	Edinburgh.	Paisley.
Campbeltown.	Fort George.	Perth.
Cupar (Fife).	Glencorse.	Stirling.

N.E. District, 3 *Armourers*.

Barnard Castle.	Leicester.	Richmond.
Beverley.	Lincoln.	Scarborough.
Derby.	Newark.	Sunderland.
Grantham.	Newcastle-on-Tyne.	York.
Halifax.	Paull-on-Humber.	
Hartlepool.	Pontefract.	

N.W. District, 4 *Armourers*.

Ashton.	Hereford.	Shrewsbury.
Beaumaris.	Lancaster.	Warrington.
Burnley.	Lichfield.	Warwick.
Bury.	Macclesfield.	Worcester.
Carlisle.	Mold.	Wrexham.
Carnarvon.	Preston.	
Chester.	Seaforth.	

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Eastern District, 2 *Armourers.*

Bedford.	Harwich.	Northampton.
Bury St. Edmunds.	Hertford.	Norwich.
Ely.	Huntingdon.	Warley.
Great Yarmouth.	Ipswich.	

Western District, 3 *Armourers* (1 *for Royal Artillery*).

Aberystwith.	Devizes.	Pembroke.
Bodmin.	Devonport.	Plymouth.
Brecon.	Exeter.	Swansea.
Bristol.	Falmouth.	Taunton.
Cardiff.	Hubberstone (Fort).	Welshpool.
Carmarthen.	Milford Haven.	
Cirencester.	Monmouth.	

Home District, 2 *Armourers.*

Barnet.	High Wycombe.	Oxford.
Dalston.	Hounslow.	Reading.
Finsbury.	Kingston.	Victoria Park Square.
Guildford.		

Southern District, 2 *Armourers* (1 *for Royal Artillery*).

Chichester.	Fort Victoria, Isle of Wight.	Portsmouth.
Dorchester.	Gosport.	Sandown.
		Winchester.

Guernsey (*for Channel Islands*), 1 *Armourer.*

Alderney.	Guernsey.	Sark.
Jersey.		

Thames District, 1 *Armourer* (*Royal Artillery and for General Service*).

Canterbury.	Maidstone.	Shoeburyness.
Gravesend.	Sheerness.	

339. General Officers commanding the Districts in which the armourer-serjeants are permanently posted will determine the order in which they will visit the different stations in their circuit, arranging with regard to stations outside their own districts with other General Officers Commanding concerned. The armourer-serjeants will forward a report showing the result of their inspections, on Army Form C 366, to the chief ordnance officer for the information of the General Officer commanding the District. A copy of this report will be forwarded to the officer commanding the unit concerned. **G.O.C. to determine order of visits.**

340. Officers commanding regimental depôts will make application to the chief ordnance officer for the services of the armourer-serjeant whenever the condition of the arms in their charge renders this necessary. **Services to be applied for.**

341. The components required for the repair of arms of regimental districts will be demanded by the officer commanding in accordance with the scale laid down in Appendix VIII (the arms held for reservists will not be considered). For supply to militia units *see* Part 2, Section XVI. **Components for repair.**

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Additional supply.

342. If a further quantity of these or other components be required, the armourer-serjeant will acquaint the officer commanding the unit, explaining the circumstances which render the additional supply necessary; that officer commanding will then demand such components as are requisite from the Army Ordnance Department.

Exchange of arms damaged beyond local repair.
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343. Barrels of carbines or rifles damaged beyond local repair will be exchanged for new barrels with bodies, which will be fitted to the arms by the regimental armourer-serjeant; the barrels, with bodies as replaced, being returned to the local ordnance depôt. The foregoing applies also to pistol barrels and cylinders assembled. All other arms damaged beyond local repair will be returned to Army Ordnance Department, and new ones demanded to replace.

Repairs abroad.

344. The arms in possession of units or detachments abroad will be examined quarterly by an armourer-serjeant. Should the unit or detachment not be provided with an armourer-serjeant, and the arms require repair or re-browning, the General Officer Commanding will, on requisition from the commanding officer to the chief ordnance officer, detail a regimental armourer-serjeant to perform the work, or will order it to be undertaken by the Army Ordnance Department, as may seem to him advisable. The unit providing the armourer-serjeant, or the Army Ordnance Department, as the case may be, will also provide the necessary materials which, in the case of a regimental armourer-serjeant, will be obtained from ordnance depôt.

Liability of corps provided with armourer-serjeant.

345. On the return of arms into store any repairs found necessary, which ought to have been performed by the armourer-serjeant, will be charged against the troops.

Injury to barrels.

346. In cases of injury to barrels, the barrel and body together will be exchanged, but the price of the barrel or cost of repair only will be charged, provided the body is in a serviceable condition. (*See* para. 343.)

Tampering with arms.

347. All tampering with arms is strictly prohibited. Any damages to arms so caused will be charged against the troops.

Annual inspection.

348. Annual inspections will be made of the arms, and the cost of any repairs found necessary from any cause other than fair wear will be charged against the troops.

Injured barrels to be specially marked.
77
15
3422

349. Stars in front of "Knox form" of barrels of rifles and carbines, and on the left hand side of the top strap of pistols, denote that the trace of a cut or of rust may be found inside the barrels. Stars on other portions of barrels denote that a trace of exterior erosion exists in the region of the star. No charge will be made against the troops at subsequent inspection for such cuts or rust. These stars are placed on the arms at the factories only.

Assistants in browning.

350. To enable the armourer-serjeant to perform the service of browning the arms, he will be granted from the unit the assistance provided for under the Royal Warrant for Pay, &c.

Browning bayonet sockets.

351. When new rifles have been issued to units, and the bayonets in use with the arms returned have been retained, labour, fuel, and browning material will be allowed for the purpose of browning the bayonet sockets in the following proportions:—

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Labour	$\frac{1}{3}$	Of the regular authorised amounts for biennial browning.
Fuel	$\frac{1}{6}$	
Browning material	$\frac{1}{8}$	

352. No charge will be made against the troops for browning their arms, when the browning is rendered necessary by fair wear. Under ordinary circumstances browning should last for two years. No charge for browning.

2. Accoutrements.

353. The leather work of accoutrements of unmounted units, as shown in paragraph 354, will be repaired by the shoemaker of the unit, or such other person as may be directed by the commanding officer. Repairs of leather work of accoutrements.

354. For this service the undermentioned sums will be allowed annually to each commanding officer, for every 10, or less number, of sets of accoutrements in use :— Amount allowed.

	s.	d.
Company of Infantry	1	2
Unit of Royal Engineers (except mounted units)	1	0
Company of Garrison, and Local Companies, Royal Artillery, and Bermuda Militia Artillery District Establishment, Royal Artillery .... Dismounted Depôt Company of Army Service Corps .... Company or Detachment of Royal Army Medical Corps .... Depôt of Royal Army Medical Corps .... Company of Army Ordnance Corps	0	10

In addition to the above, depôt companies of Royal Garrison Artillery will be allowed $\frac{1}{2}d.$ per annum for each belt, not forming part of a set of accoutrements, held on charge for recruits.

356. The allowance for the repair of accoutrements will be claimed in advance, for the whole financial year, in the month of April, upon Army Form P 1900 and will be charged in the battery or company pay list To be claimed annually.

357. Waxed thread and tools will be provided out of this allowance, the articles allowed for repair of accoutrements being supplied by the Army Ordnance Department. Thread and tools.

358. The repair of the metal work will be part of the ordinary duty of the armourer-serjeant, or smith, where one is available. Metal work.

359. The use of oxalic acid or other injurious materials for cleaning black or buff accoutrements, is strictly forbidden. Such parts of black accoutrements (leather valises excepted) as would show brown when in use may be blackened with ordinary blacking, but no other colouring matter is to be used in such cases. Injurious materials forbidden.

359A. When brown leather accoutrements require to be cleansed from dust and dirt, they should be washed with yellow bar soap and water, and dried in the shade. Two bars of soap per company will be found ample. Cleansing and preservation of brown accoutrements.

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To preserve and polish brown leather accoutrements, a dubbing composed of :—

10 ozs. of clean mutton tallow,
6 ozs. of pure beeswax,
3 drams of camphor,

melted and mixed over a slow fire, should be used. These ingredients will make one pound of the composition, which should be rubbed on to the grain, or smooth side, of the accoutrements with a piece of coarse cloth, using as much friction as possible to enable the fatty substance to penetrate. A portion of the wax will then remain on the surface, and dry rubbing will always bring on a polish. An application of this composition once a month will, in ordinary circumstances, be found sufficient, and an allowance of 2 ozs. per man per month will be found ample ; but whenever it is necessary to clean the accoutrements with soap and water, an application of the composition should always be made before the leather is quite dry. When accoutrements get stained with mildew or perspiration, or otherwise, a slight application of limejuice will be found to remove the stains.

Cleaning black leather valises. 54 Gen. No. 8210

359B. Black leather valises will be cleaned by rubbing a little unmelted beeswax on the surface with a soft rag ; afterwards polish with a clean piece. The beeswax need only occasionally be applied ; at other times the polishing rag alone will be used.

"Composition, renovating," will be used to restore colour, should the leather become brown, and will be drawn from store as required.

Supply of materials chargeable to the public.

360. Spare parts and furniture for accoutrements required to replace others expended or worn out, the cost of which is chargeable to the public, will be supplied in the authorised proportions, as specified in the several corps details.

To troops.

361. Materials required to replace others lost or damaged by neglect, will be charged against the troops.

No ripping to pieces until new parts received.

362. When any article, comprising two or more component parts, has become in part unserviceable in time of peace, such new parts as may be required will be obtained from store and attached by the artificers of units, free of charge. Commanding officers will take care that no article of equipment in use is ripped to pieces until the new parts required from store have been received and can be sewn on without delay.

In cases of large requisitions.

363. In cases, however, where the requisitions for accoutrements to replace unserviceable articles are very large, and where commanding officers consider that it would be inexpedient to allow the equipments of their units to be rendered incomplete, even for a short time, accoutrements of the kind referred to in paragraph 362 may be demanded in a complete state.

3. Musical Instruments.

Drum heads and bugle strings.

364. Drummers of infantry are chargeable with the cost of new drum heads ; and buglers of infantry and trumpeters of cavalry and Royal Horse Artillery with the cost of renewing the strings of their

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bugles and trumpets, when these strings become unserviceable within the period assigned by regulation for their duration.

365. Instructions for the care and preservation of flutes and piccolos are printed in Appendix III. Flutes and piccolos.

4. Harness and Saddlery.

366. The authorised proportions of materials, as detailed in Appendix XIV, and in Household Cavalry corps details, which are supplied for repair of harness and saddlery, are based upon the average quantities required for the repair of articles which have been some years in use. With new equipments the same amount of materials would not be required; and commanding officers in making requisitions will demand only what is actually requisite. Needles, for the repair of harness and saddlery, may be drawn annually, at the rate of one sewing needle to five sets of saddlery or single harness, and one harness needle to four sets of saddlery or single harness. Materials for repairs.

366A. Repairs to saddle blankets carried out by regimental saddlers and collarmakers should be done with "worsted grey" and with a herring-bone stitch, about five to the inch. The edges should be drawn together and not overlapped. Repair of saddle blankets.

The stitching in all cases should be so executed that the rent or patch when repaired may lie flat.

Torn blankets can generally be repaired without patching; but when material is used, it should, as far as possible, match the blanket.

367. All cuttings from the undermentioned materials supplied to the mounted services for repairing harness and saddlery, as well as the unserviceable parts and material named, will be returned into store, as convenient opportunity offers :— Disposal of cuttings.

Cuttings from:
- canvas.
- cloth.
- leather.
- numnahs.
- serge.
- sheepskins.

Flaps, saddle, pairs.
Hair, old:
- doe.
- horse.

Junk, old.
Seats, saddle.

Metal-work:
- brass bosses:
  - bits.
  - cruppers and breastplates.
- copper rivets, saddles, universal.
- iron (from saddles generally).

368. Detailed instructions for the care and preservation of the leather of harness and saddlery are printed in Appendix IX. Preservation.

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SECTION XVIII.—DURATION OF EQUIPMENT.

I.—GENERAL INSTRUCTIONS.

Object of assigning periods of duration.

371. Periods of duration have been assigned to the articles enumerated in the following tables, with the object of informing commanding officers and ordnance officers of the length of time equipment should remain serviceable under ordinary circumstances of continuous use. Should it appear that articles are becoming unserviceable before they have been in use the prescribed periods, inquiry should be made into the cause thereof; since, in the absence of sufficient reason to explain the circumstance, the troops become liable to be charged in accordance with paragraphs 95 and 96 of these Regulations. The periods of duration are not intended in any way to govern the times for exchanging the stores, which must continue to be used until actually unserviceable.

Duration on active service and at stations abroad.

372. On active service and at stations abroad the periods of duration are liable to vary according to the nature of the service and the climate, but the prescribed periods will be kept in view, and adhered to as far as practicable.

ARMS.

TABLE 1.	Duration, in years.	Remarks.
Rifles and carbines	12	
Bayonets	12	
Scabbards, leather, bayonet, triangular	6	
Scabbards, leather, sword ... ... / sword-bayonet ...	8	
Scabbards, steel, sword, staff-serjts'. ...	12	
Scabbards, ,, cavalry	10	
Bottles, oil, M.L.M.	8	
Flags, lance	2	
Lances	12	
Pistols, Webley	12	
Protectors, front sight	8	
Pull-throughs, weights	8	
Pull-throughs, cord	½	
Reflectors, mirror, M.L.M. rifle	8	
Dirks	12	
Swords	12	
Implements, action	12	
Actions, skeleton, M.L.M.	12	
Actions, skeleton, M.M. and M.E. ...	12	
Tools, removing striker, M.L.M.	12	
Tubes, aiming, Martini-Henry	10	
Tubes, aiming, M.L.M.	5	
Tubes, aiming, M.M.	5	

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ACCOUTREMENTS.

TABLE 2.	Duration, in years.	Remarks.
Aprons, leg	10	
Bags { ammunition	4	
Bags { kit, mounted services	5	
Belts { pouch { staff serjeants'	7	Household Cavalry.
	12	Cavalry of the line.
	8	Other corps receiving them.
pouch { other ranks	7	Household Cavalry.
	12	Cavalry of the line.
shoulder, buff, mountain artillery { dismounted men...	10	
shoulder, buff, mountain artillery { mounted men ...	10	
waist, buff, cavalry, line, all ranks	9	
waist, buff, cavalry, household, all ranks	7	
waist, buff, field artillery, dismounted, and drivers, with plate	10	
waist, buff, mountain artillery, mounted men	10	
waist, valise equipment ... ... { staff serjeants'	8	Rifles.
	12	Other corps receiving them.
waist, valise equipment ... ... { general service	9	Rifles.
	12	Other corps receiving them.
waist, under officers', Woolwich ...	7	
Billets for sword carriages...	6	
Bottles, water	...	No definite period can be fixed.
Braces, valise equipment	9	Rifles.
	12	Other corps.
Carriages { waist belt	6	Four years only for Lancers.
Carriages { water bottle, Italian { buff	8	
Carriages { water bottle, Italian { black	6	
Cases, brown, pistol	9	
Chapes	12	
Drums, side, heads	1	
Frogs	8	Rifles.
	12	Other corps.
,, buff, hand-axe...	12	
Handcuffs, common ... ... pairs	12	
Knots, sword, leather	4	Rifles.
	6	Other corps.
	8	Chief warders.
Lanyards, pistol	3	
Pouches { ammunition	7	Household Cavalry.
	9	Cavalry of the line.
	9	Rifles.
	6	Horse and Field Artillery.
	10	Other corps.
Pouches { warders'	9	
Pouches { writing materials	7	
Slings, carbine or rifle	8	
Straps { greatcoat	9	
Straps { mess-tin		
Straps { water bottle, iron, enamelled ... ... { buff	5	
Straps { water bottle, iron, enamelled ... ... { black	4	
Valises { canvas	6	
Valises { leather	8	
Whistles with thongs	12	

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HARNESS, SADDLERY, AND STABLE NECESSARIES.

	TABLE 3.	Duration, in years.	Remarks.
	HARNESS AND SADDLERY.		
	Bags { corn*	8	
	Bags { nose*	3	
	Bands, back	7	
	Bearers, trace	7	
	Bits { bridoon	12	
	Bits { portmouth	12	
	Blankets, saddle	4	
	Breastpieces	7	
	Breastplates	5	
	Breechings	7	
	Bridles, snaffle	3	
	Brushes { harness, hard	1	
	Brushes { horse	1	
	Buckets { carbine	5	
	Buckets { lance	5	
38407	**Buckets** { rifle	5	
Equipt.	**Buckets** { signalling flags	5	
2026	**Buckets** { tool	5	
	Cases, horseshoe	7	
	Chains, hame	6	
	Collars { breast	7	
	Collars { head { warrant officers, non-commissioned officers and men	4	
	Collars { head { officers	5	
	Collars { neck	7	
	Combs, curry	1	
38407	**Cruppers**	7	
Equipt.	**Dock** pieces	7	
2026	**Frogs,** swords, saddle	5	
	Girths { leather	7	
	Girths { web	3	
	Hames	16	
	Heads, bridle	5	
	Hooks, pole bar	10	
	Irons, stirrup	16	
	Leathers, stirrup	5	
	Leggings, drivers'	7	
	Numnahs	3	
	Pads, { back, A.S.C.	6	
	Pads, { collar, zinc	3	
	Pannels, { saddle { drivers and luggage	7	
	Pannels, { saddle { officers and universal	8	
	Pannels, { numnah	8	
	Pickers, hoof	3	
	Pieces, buckling	7	
	Protector, cape	8	
	Reins { bearing, leading, and bridoon	5	
	Reins { portmouth bit, and side	5	
	Reins { driving	6	
54	**Ropes** { head, hemp†	6	
Gen. No.	**Ropes** { heel ,,	6	
8115	**Runners,** stirrup, leather	10	
	Sacks, corn†	5	
	Saddletrees { ...	12	
	Saddletrees { flaps	6	
	Saddletrees { seats	6	
	Saddletrees { V-girth, attachments	6	

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* Nose and corn bags are expected to last the periods prescribed for them respectively when the troops are in permanent stables only. On other occasions the time these articles will last will depend on the nature of the service and the station.

† Corn sacks and head ropes are expected to last the periods prescribed for them when the troops are in permanent stables only. On other occasions the time these articles will last will depend on the nature of the service and the station.

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Harness, Saddlery, and Stable Necessaries—*continued.*

TABLE 3—*continued.*	Duration, in years.	Remarks.
Skins lamb, officers	7	
Skins sheep, Household Cavalry ...	6	
Sponges, general service	1	
Straps all kinds (*except kicking*) ...	5	
Straps kicking	10	
Surcingles	5	
Traces attachment hames	5	
Traces chains	5	
Traces harness, lead and wheel, and saddlery	7	38407 Equipt. 2026
Traces harness, short	7	
Traces hooks	5	
Traces long, harness, mule, breast, G.S.	5	
Traces pieces, leather	5	
Traces ropes...	2	
Traces short harness, mule, breast, G.S.	5	
Tugs back-band, and breast harness ...	7	38407 Equipt. 2026
Tugs trace	7	
Wallets...	7	
Whips drivers	3	
Whips driving	3	
Whips hand	1	
Whips longeing	2	
Scissors, trimming 1 pair for each riding horse ...	5	
Scissors, trimming 1 pair for each pair of draught horses	3	

Part-worn Harness and Saddlery.

The period of duration for articles of harness and saddlery issued part-worn is to be taken under ordinary circumstances as half that fixed for new.

MUSICAL INSTRUMENTS.

TABLE 4.	Duration, in years.	Remarks.
Bugles, without strings	4	Mounted corps.
Bugles, without strings	6	Other corps.
Cases leather flute B	6	
Cases leather flute F	6	
Cases leather piccolo	6	
Cases drum, ticken	10	
Drums side, brass, large	10	
Drums side, brass, cords	$\frac{*}{12}$	
Drums ,, sticks ... ... pairs	10	
Drums silent	10	
Tuning-forks	6	
Flutes B	6	
Flutes F	6	
Pitchpipe	6	
Piccolos E flat	6	
Piccolos F	6	
Strings, bugle, or trumpet	4	
Trumpets	4	Mounted corps.
Trumpets	6	Other corps.

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APPOINTMENTS, PIONEERS.

TABLE 5.	Duration, in years. For Infantry	Duration, in years. For Cavalry.	Remarks.
Axes felling, curved helve	12	...	
Axes hand	12	12	
Axes pick 2¾ lbs. heads, 29-in. helve	12	...	
Axes pick 6½ lbs. heads, 34½-in. helve	...	12	
Bars, pinching, 2 ft. 10 ins.	12	...	
Caps, hand-axe, brown	12	...	
Cases black, billhook	9	...	
Cases pinching bar	9	...	
Cases hand-axe and 20-in. saw	9	...	
Cases tools, shoeing No. 1	9	...	
Cases tools, shoeing No. 2	9	...	
Cases tools, small	9	...	
Cases pioneer equipment, cavalry	...	9	
Frogs, leather, hand-axe	12	...	8 years in case of rifle battalions.
Hooks, bill	12	...	
Nippers, end-cutting, cavalry, pioneer	...	8	
Pouches, gunspike, brown	9	...	
Pliers,	...	8	
Pouches, matchbox	...	9	
Rules, 18 ins.	...	12	
Saws, hand 20-in.	12	...	
Saws, hand 18-in.	...	12	
Shovels, light, cast-steel	12	...	
Sets, saw, hand	...	12	
Spikes, gun, common	12	12	
Spades, new pattern	...	12	
Straps, connecting, valise equipment, old pattern, mess-tin	9	...	
Spanners, MacMahon, 9-in.	...	12	
Tools shoeing buffer, farriers'	12	...	
Tools shoeing hammer, farriers', shoeing	12	...	
Tools shoeing knife, drawing	12	...	
Tools shoeing pincers, farriers'	12	...	
Tools shoeing rasps, farriers', 14-in.	12	...	
Tools small augers screw, 1-in.	12	...	
Tools small augers bull-nosed, 2-in.	...	12	
Tools small chisels hand, cold, ⅜ in. by 8 ins.	12	...	
Tools small chisels socket, 1½-in.	12	...	
Tools small files, saw, hand 5½-in.	12	...	
Tools small files, saw, hand 3-square, 6-in.	...	12	
Tools small hammers, claw	12	...	

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MISCELLANEOUS ARTICLES.

TABLE 6.	Duration, in years.	Remarks.
Box, school materials...	12	
Case, wood, armourers'	12	
Flags, signal, army — large	2	
Flags, signal, army — small	1½	
Flags, signal, army — poles — large ...	4	
Flags, signal, army — poles — small ...	3	
Stamps — brass or gun metal, on wood, ¼ in. ... — figures, 0 to 8, sets	12	
Stamps — brass or gun metal, on wood, ¼ in. ... — letters, single	12	
Stamps — copper, inlaid, ½ in. ... ... — figures, 0 to 8, sets	12	
Stamps — copper, inlaid, ½ in. ... ... — letters, single	12	
Stamps — steel, for wood, ¼ in. ... ... — figures, 0 to 8, sets	12	
Stamps — steel, for wood, ¼ in. ... ... — letters, single	12	
Stamps — steel, ½ in.	12	
Stamps — wood, 2 ins.	12	

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SECTION XIX.—DUTIES OF ARMOURER-SERJEANTS.

Duties.

373. Armourer serjeants will perform the following duties:—

(*a.*) Execute all repairs required to the arms (including lances, pistols, swords, and scabbards) in possession of, or that may be supplied to, their respective units; and perform any other work, within their capabilities, required to the equipment of their units, such as repairs to helmets and chains, busby chains, lancer cap chains, and the brasswork on the lancer cap.

(*b*). Inspect quarterly all rifles, carbines, pistols, and sword-bayonets in use, making good defects wherever possible—*vide* paragraph 343; then, with the prescribed assistance, brown the barrels of such arms, including machine guns, as may require it. (As far as possible, the quarterly inspection to take place on Saturdays, or after 4 p.m. on other days, so that the training of the troops is not interrupted.) Apply composition preserving arms between fore-ends and barrels periodically in accordance with the instructions in foot-note to Section II, Appendix VIII. Thoroughly strip yearly for examination and cleaning all rifles, carbines, and pistols in use. Examine yearly all swords and lances. (The yearly strippings and examinations to take place during the winter season.) Examine and clean all arms issued from store before they are placed in the hands of the troops, removing any excess of lubricant from the barrels and actions. Examine and clean all machine guns in accordance with instructions for care and preservation of machine guns.

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(*c.*) Mark all arms in possession or that may be supplied, also the drums, bugles, flutes, piccolos, or trumpets. Perform all repairs to the iron and metal-work of accoutrements, saddlery, and appointments, including the roughing of stirrup irons which is to be done every third year, or oftener if necessary. Keep in repair the tools in the armourer's boxes.

(*d.*) Within working hours, the services of armourer serjeants will, when the duties of their own units admit, be generally available for the performance of any of the above duties for other units or departments, without extra remuneration; but the employment of an armourer-serjeant with another corps is limited to the case of units without artificers,—or to cases in which artificers are attached, but additional assistance is required under exceptional circumstances.

(*e.*) Execute repairs necessitated by carelessness or wilful damage, without addition to pay.

(*f.*) Fit the plates supplied with cork helmets.

Localised armourer serjeants.

374. The localised armourer-serjeants, referred to in paragraph 337, will examine, repair, and rebrown, as necessary, the arms of all depôts, units unprovided with armourer-serjeants, and militia battalions, in the districts allotted to them.

Additional work.

375. Armourer-serjeants will, in addition to the duties laid down in paragraphs 373 and 374, execute any trifling repairs, and also such other work within their capabilities as, under special authority, they may be called upon to perform.

Soldiers not to be charged.

376. Armourer-serjeants are not allowed to make any charge against a soldier for work performed on the arms.

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APPENDIX I.

(*Referred to in paragraphs* 11 *and* 85.)

INSTRUCTIONS FOR KEEPING EQUIPMENT LEDGERS

Ledgers. When balanced and furnished.

1. The ledgers will contain a faithful record of all permanent equipment received or issued. They will be balanced up to 31st March in each year, and will be forwarded, with the vouchers in support, from home stations direct, and from stations abroad through the chief ordnance officer, before the 1st May, to the War Office. The vouchers are to be laid flat in the equipment ledger.

When they need not be furnished.

2. When a change of commanding officers takes place between the 31st December and the 1st April, the officer assuming the command will not be required to render an equipment ledger until the 31st March of the following year, unless another change of commanding officers shall take place in the meantime.

Copies to be kept.

3. Copies will be kept of all equipment ledgers sent to the War Office. Should any queries arise on the examination of the ledgers, copies of such queries and of the replies will be retained by the accountant, who will correct his copy of the ledger accordingly.

Special cases.

4. On a unit being disbanded, or embarking for India, the equipment ledger will be balanced and forwarded to the War Office.

Transfer of equipment.

5. When equipment is transferred from one accountant to another, stock will be taken as laid down in paragraph 11, Part 1, and the Board therein mentioned will furnish the following certificate :

We certify, in accordance with paragraph 11, Part 1, of the Equipment Regulations, that on the transfer of the equipment of the * on the† whole has been inspected by us, and has been found to be properly appropriated, in good condition, and to agree in the quantities and numbers of the several articles actually in possession, with those shown in the equipment ledger.

* Here insert the corps.
† Here insert the date.

President, _____

Members { _____
_____

_____ *Officer giving over charge.*

_____ *Officer taking over charge.*

Stores found surplus or deficient.

6. Any surplus stores will at once be brought on charge in the ledger by certificate receipt voucher. The voucher will be signed by the officers who sign the certificate. All stores which may be found to be deficient will be struck off charge, and dealt with as laid down in paragraphs 539 to 541 King's Regulations.

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7. A balance will then be struck, as directed in paragraph 18 of this Appendix, which will show the total of each article of equipment for which the officer who takes over command is responsible. This balance will agree with the numbers given by the certificate referred to in paragraph 5 of this Appendix.

A balance to be struck.

8. The officer giving over command will then close his ledger to date of giving over charge, and submit it as a final account for examination, and he will be held responsible for all discrepancies which may be found to exist therein; he will also give facilities to the officer assuming command to start a new ledger, the first line, or "state," of which should agree in every particular with the balance, or "remain at date," shown in the old ledger.

Ledger to be closed and submitted.

9. In forwarding the ledger to the date of transfer of charge, or date of final balance, it should be accompanied by a covering letter, and any explanations the officer giving over command may have to make as regards surplus or deficient stores.

Covering letter with explanation

10. Officers commanding detachments referred to in paragraph 93, Part 1, will render equipment ledgers in accordance with these regulations, so long as they remain independently detached. When a detachment of infantry is attached to a battalion, the equipment will be transferred, by voucher, to the officer commanding the battalion, but will be accounted for by him, in a separate ledger, Army Book 239, and in the case of a provisional battalion composed of several detachments, the commanding officer will render a separate ledger for each such detachment.

Equipment of detachments.

11. When a detachment returns to its own unit, or is absorbed in a territorial depôt or other corps, the equipment will similarly be transferred to the depôt or corps ledger; and the detachment ledger will be closed, and rendered, complete with its vouchers, to the War Office as a final ledger.

Closing detachment ledgers.

12. Articles supplied in sets for which a single heading is provided in the printed equipment ledgers, will be so accounted for. Thus, chests with tools will be shown as "chests, tool, filled," and the armourer's box, with the materials and tools carried therein, as "box, armourer's." A certificate will be given at the end of the ledger by the commanding officer that the sets, tool chests, and box are complete, and contain the articles that should be comprised in them, as detailed in the regulations. When articles charged in detail are taken on in the equipment ledger as sets, reference will be given to the paragraph or table of the regulations which gives the detail. The articles drawn from the army ordnance department to replace losses, &c., in these sets will be taken on charge in the ledger, and the corresponding articles paid for or returned to store will be written off under the same heading.

Articles supplied in sets not to be accounted for in detail.

If the two transactions do not occur in the same period of account, explanatory cross references will be given on each of the vouchers concerned.

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13. All transactions of receipt and issue that should be recorded in the ledgers will be posted as soon as possible after they occur, and will be supported by voucher.

Transaction to be promptly recorded.

14. Vouchers for stores issued are called issue vouchers, and are posted on the right hand or credit side. Vouchers for stores received are called receipt vouchers, and are entered on the left hand or debit side of the ledger.

Designations and posting of vouchers.

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Vouchers to show total quantity only.

15. Both receipt and issue vouchers will be filled in by the insertion of the total numbers only in the column of the voucher headed "total number or quantity," the columns S. R. U. and D. being left for use of the army ordnance department.

Ledger folio to be noted on vouchers.

16. The ledger folios at which entries are made should invariably be noted on the vouchers supporting the account in the column headed "ledger folio."

Receipt and issue vouchers to be kept separate.

17. Receipt vouchers and issue vouchers will be kept distinct from each other, arranged consecutively according to date, and numbered in red ink on the face of the voucher in two distinct series from 1 upwards for the whole period of the account. The total number of each series will be stated on the inside cover of the ledger.

How the ledger is balanced.

18. The ledger is balanced by adding up the receipts on the left hand side, and the issues on the right hand side of the ledger, by bringing the total issues over to the left hand side and writing them immediately under the total receipts, the quantities left become the ledger balance or "remain." The remain, when carried forward as the commencing line of the next account, is called the "state."

Remain.

State.

Certificate on forwarding account.

19. In forwarding the equipment account, officers commanding will certify that it has been carefully checked by an officer appointed by him for that purpose, who will sign it in evidence of such examination.

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APPENDIX II.

(*Referred to in paragraph* 83.)

SURVEYS ON THE EQUIPMENT OF TROOPS PROCEEDING TO OR RETURNING FROM INDIA.

SURVEYS AT HOME.

1. If the survey is at home, the officer appointed by the Secretary of State will ascertain, from the general officer commanding in whose district the unit is stationed, the day on which it will be convenient that the survey should be made; and will on such day being named, arrange, with the officer appointed on behalf of the Government of India, to commence the duty.

Arrangements to be made with General Officers Commanding.

2. The officer so appointed on the part of the War Office will hold the survey in conjunction with the officer named by the India Office.

Representative officers.

3. The object of the survey being to obtain a true account of all articles of Government property in possession of the unit, with a view to a correct valuation between the Imperial and Indian revenues, it is necessarily minute and somewhat tedious, and much, therefore, depends upon the co-operation of all concerned, in order to bring the survey to a speedy and satisfactory conclusion.

Object of survey.

4. To facilitate the survey, the officer commanding the corps of which the equipment is to be inspected, will cause lists of all the articles in possession to be prepared in duplicate, together with returns showing the dates of issue of each article, in readiness to be handed over, with the inspection forms for each squadron, battery, or company, to the officers holding the survey. These lists will be made out on Army Forms, which, with the Inspection Forms, should be obtained from the Valuation Committee, India Office London.

Officers commanding to have lists prepared.

5. The regimental equipment ledger will be temporarily balanced to the date of the survey, and will be handed to the surveying officers, in order that they may see that all the equipment chargeable to the unit is included in the survey report. Any transactions subsequent to the survey will be duly entered in the ledger, and a final balance struck to date of embarkation.

Ledger to be temporarily balanced.

6. Previously to the commencement of the survey, the commanding officer will hand over the prepared forms referred to in paragraph 4 of this Appendix to the surveying officers, who will enter the detailed results of their inspection thereon.

Forms to be handed to surveying officers.

7. The inspection will be taken by squadron, batteries, or companies, each man bringing up his complete set of accoutrements in order of the rolls, every article being separated. Cloaks, capes, great coats and haversacks will be inspected at the same time.

Inspection to be by squadrons, batteries, or companies. Cloaks and great coats.

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Arms and accoutrements of staff and band.

8. The arms, accoutrements, and appointments, of infantry staff serjeants, drummers, band, and pioneers, will be inspected separately; different rolls being provided for the detail of their appointments.

Quartermasters' stores.

9. After this the quartermaster's and the industrial school stores, armourer's box, and artificers and regimental tradesmen's tools, materials for repair, and any other miscellaneous articles of Government property will be inspected, their condition and date of issue being carefully noted on rolls previously prepared for the purpose.

Every article to be produced.

10. It is absolutely necessary that every article be produced for inspection, as any deficiencies afterwards discovered, on the examination of the accounts, will be chargeable to the unit, and will be paid for prior to embarkation.

Report to be forwarded to the War Office.

11. On the termination of the survey, while the surveying officers are upon the spot, they will draw up a joint report of the result of the survey, and will forward the same, accompanied by the detailed forms alluded to in paragraphs 4 and 6 of this Appendix, through the general officer commanding, to the War Office.

Date of survey.

12. In the case of units proceeding from home the survey will be held about one month prior to the date on which the unit is under orders to embark.

Ledger to be balanced, &c.

13. Commanding officers will take care that their equipment ledgers are duly balanced up to date of embarkation, and are forwarded as laid down in paragraph 4, Appendix I.

Unsuitable articles to be exchanged.

14. Any arms and accoutrements which, owing to their condition at the time, the officers holding the survey and the commanding officer may consider necessary to be replaced, will be exchanged by the chief ordnance officer on requisition from the commanding officer, countersigned by the surveying officers. *See* King's Regulations. Commanding officers will be held responsible for the return to store of such unserviceable articles prior to the embarkation of the unit.

Report of articles sent with drafts to be made.

15. When articles of equipment are taken to India by drafts, the officer commanding the unit to which the men belong will send to the War Office a return showing the number of articles so taken, giving the dates of issue, and condition (*see* paragraph 14 of this Appendix), and will name the vessel in which the men have embarked, and the date of embarkation.

Water-bottles and Valises.

15A. On proceeding to, or coming from, India, troops will take, or bring with them, water-bottles and valises of home service pattern. On arrival in India these bottles and valises will be handed over to the India Ordnance Department, and a receipt obtained for them. On embarking from India a similar receipt will be given to the ordnance officer by the officer commanding the unit receiving the bottles or valises. All mention of these stores will be omitted from the valuation returns.

Troops returning from India.

Survey to be held within one week after arrival at destination.

16. The survey upon the arms, accoutrements, appointments, and clothing in possession of a unit on its return from India, will be held as early as possible after its arrival at its final destination in the United Kingdom, and will be conducted in the same manner

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as in the case of regiments proceeding to India from this country. When the survey has been taken, requisitions for any articles required in place of those which may have become obsolete or unserviceable will be at once put forward, in order that no time may be lost in completing the clothing and equipment of the unit. Should the survey have to be delayed unduly from any cause, an immediate report of the circumstances will be made to the War Office by the general officer commanding. The stores brought from India will be retained by the unit or draft, or at depôts, until authority for their disposal has been received from the Valuation Committee appointed by the War and India Offices.

Arms, &c., to be retained till receipt of order for disposal.

17. When the necessary survey is held on the equipment of a unit returned from India, the surveying officers will furnish the commanding officer with a detail of the equipment taken over from the Indian Government, and this equipment will become the first charge in the Imperial equipment ledger. This detail will be put up with the ledger as a voucher for the entries made therein. They will also furnish the commanding officer with a list of the unserviceable articles to be returned to the India Store Department, but no record of the transaction will appear in the Imperial equipment ledger. All packages, the property of the Imperial Government, used for despatching the unserviceable stores will be taken on charge in the equipment ledger on receipt from the Army Ordnance Department, and struck off charge when sent to the India Store Department.

Units returning from India.

18. The commanding officer will produce to the officer representing India, the Indian equipment ledger and accounts of clothing and necessaries, showing the final balances closed to the date of embarkation, together with copies of the Indian returns showing the condition and dates of issue of all equipment on leaving India.

Indian ledger and clothing accounts to be produced.

19. No articles will be sent to the India Store Depôt, Lambeth, without a receipt and issue voucher, on the printed forms which are furnished by the Valuation Committee when the equipment is inspected; and these documents will be forwarded to the Superintendent of General Supplies, India Store Depôt, Belvedere Road, Lambeth, so as to anticipate the arrival of the articles to which they refer.

Vouchers to be sent with articles to India Store Depôt.

20. The name of the unit, or draft, from which the articles are sent will be marked on the outside of the cases or packages.

Name on packages.

21. Officers commanding depôts, or other units, will forward to the War Office, returns of all arms and equipment, &c., in possession of soldiers coming home from India and joining their depôts or other units direct, specifying the condition as well as dates of issue of the same. These returns will be forwarded as soon as possible after the men join, and will not include articles in possession of men who are discharged immediately they arrive.

Articles in possession of men joining direct.

22. For instructions as to the survey of clothing and necessaries, *see* the "Clothing Regulations."

Clothing and necessaries.

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SURVEYS ABROAD.

Troops proceeding to India from abroad.

23. The conditions laid down in the previous paragraphs will apply equally to the surveys to be held on equipment of troops proceeding to India from stations abroad, it being left for the consideration of the Indian Government to send out an officer to act on their behalf.

Constitution of Board of Survey.

24. If the inspecting officers of the Valuation Committee are unable to attend, a special Board of Survey is to be convened for the inspection, which Board is, as far as practicable, to be constituted as follows :—

A field officer of the unit, President.
A captain of the unit } Members.
An army ordnance officer }

The quartermaster of the battalion or regiment will be in attendance for the purpose of affording any information the Board may require.

Arrangement with G.O.C.

25. The chief ordnance officer will arrange, as laid down in paragraph 1 of this Appendix, for the survey, and also for the convening of the Board.

Necessary forms to be supplied.

26. The necessary forms for carrying out the survey will be supplied as laid down in paragraph 4 of this Appendix, and the inspection of the equipment is to be made in accordance with the mode of procedure laid down for units proceeding from the United Kingdom, and, when completed, the returns will be signed by the president and members of the board.

Returns signed by officer commanding.

27. The quartermaster will furnish the following returns, signed by himself, and countersigned by the commanding officer :—

List of Materials for repairing { Accoutrements. Arms.
,, Armourers' tools.
,, Tools for trades (*if any are taken out*).
,, Industrial school materials to be taken out.
,, Dates of receipt of equipment.

Returns to be forwarded.

28. When all the returns and forms of inspection have been duly completed and signed, they will be forwarded, with the Board's report of result of inspection or survey, to the general officer commanding for transmission to the War Office.

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APPENDIX III.

(*Referred to in paragraph* 365.)

INSTRUCTIONS FOR THE CARE AND PRESERVATION OF FLUTES AND PICCOLOS.

1. The player, in whose care the instrument is placed, must carefully wipe the joints and bore with an oiled rag or brush once or twice a week. The oil must not be put on too thick, a slight gloss in the bore is all that is required. Joints and bore to be wiped with oiled rag.

2. After use the moisture must be wiped away from the joints and bore, and when perfectly dry inside, an oiled rag or brush must be passed through the bore. Moisture to be removed.

3. To protect the wood from splitting the instrument must not be placed in the sun, nor laid on cold stone, or iron, while warm or wet inside, and the cleaning rag must not be forced through the bore. Precautions against splitting.

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APPENDIX IV.

(*Referred to in paragraph* 241.)

TOOLS AND MATERIALS FOR REGIMENTAL AND CIRCUIT ARMOURERS.

1. The tools and materials will be supplied free in the first instance, but are thereafter to be kept up and renewed as they become worn out, at the expense of the armourer.

2. The screw plates and taps when renewable must be obtained exclusively from the Army Ordnance Department.

3. When a regimental armourer is detailed to perform work for which tools are required which are not included in his set the additional tools can be obtained on loan from the Army Ordnance Department.

	Articles.	For Armourers of Units armed with					For Circuit Armourers.	Remarks.
		Carbines		Rifles				
		M.L.M. and M.L.E. Cavalry.	M.M. and M.E. Artillery.	M.E. Mark I.	M.L.M. Mark I.*	M.L.M. Mark II, II*, and M.L.E. Marks I and I*.		
38407 Equipt. 2022	**Boxes**, tool, empty, regimental armourers	1	1	1	1	1	1	The Mark II box will be issued for armourers of units proceeding on active service, but will not be sup-
	Chests, tool, empty, district armourers	....	....	....	....	....	1	
	Awls { blades, armourers	2	2	2	2	2	2	
	Awls { handles, brad, small	2	2	2	2	2	2	
	Bits, soldering, 1½-lbs.	1	1	1	1	1	1	
	Blocks, depressing lever, M.M.	....	1	1	....	....	1	
	Braces, armourers	1	1	1	1	1	1	

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Braces, armourers, bits — countersink, rose	1	1	1	1	1	1	plied for use in time of peace until the store of the Mark I. box has been used up.
Braces, armourers, bits — rimer — half-round	1	1	1	1	1	1	
Braces, armourers, bits — rimer — 4-square	1	1	1	1	1	1	
Braces, armourers, bits — rimer — 5 ,, ...	1	1	1	1	1	1	
Braces, armourers, bits — screw-driver — butt plate screw	1	1	1	1	1	1	
Braces, armourers, bits — screw-driver — stick, cleaning chamber, ·303-in. arms, also for cutter, countersink cartridge head M.M. and M.E.	1	1	1	1	1	1	
Braces, armourers, bits — screw-driver — stock bolt, M.L.M. rifle	1	1	1	1	1	1	
Braces, armourers, bits — screw-driver — stop nut	....	1	1	....	....	1	
Braces, armourers, bits — spoon (with washer)	1	1	1	1	1	1	
Brushes, wire, M.L.M. rifle	*	*	*	*	*	*	*1 per annum for every 100 stands of arms.
Cans, oil, lubricating, armourers	1	1	1	1	1	1	
Chisels — firmer — ¾ in.	1	1	1	1	1	1	
Chisels — firmer — ½ ,, ...	1	1	1	1	1	1	
Chisels — firmer — ¼ ,, ...	1	1	1	1	1	1	
Chisels — hand, cold — ½ ,, × 7 in.	1	1	1	1	1	1	
Chisels — hand, cold — ⅜ ,, × 7 ,, ...	1	1	1	1	1	1	
Clams, armourers, — vice, standing, 36 lbs. .... pairs	1	1	1	1	1	1	Not in Mark II. box.
Clams, armourers, — ,, parallel, cork lined ,,	1	1	1	1	1	1	For Mark II. box.
Clams, armourers, — ,, ,, buff ,, ... ,,	1	1	1	1	1	1	For Mark II. box.
Corks, clam (single)	4	4	4	4	4	4	
Cutters, countersink cartridge head, M.M. and M.E.	....	1	1	....	....	1	
Drifts — fore-end — M.M.	....	1†	....	....	....	....	†For A.C.M.M., Mark II. and A.C.M.E. Mark III.
Drifts — fore-end — M.L.M. rifle — Mark I.*	....	....	....	1	....	1	
Drifts — fore-end — M.L.M. rifle — Mark II.	1	....	....	....	1	1	
Drifts — magazine, catch pin, M.L.M.	1	....	....	1	1	1	
Drifts — sight, axis-pin, M.L.M.	1	....	....	1	1	1	

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Tools and Materials for Regimental and Circuit Armourers—*continued.*

Articles.	For Armourers of Units armed with					For Circuit Armourers.	Remarks.
	Carbines		Rifles				
				M.L.M.			
	M.L.M. and M.L.E. Cavalry.	M.M. and M.E. Artillery.	M.E. Mark I.	Mark I*.	Mark II, II*, and M.L.E. Marks I and I*.		
Drifts, wire — large	....	1	1	....	....	1	
Drifts, wire — small	1	1	1	1	1	1	
Drivers, screw — armourers — large	1	1	1	1	1	1	
Drivers, screw — armourers — medium	1	1	1	1	1	1	
Drivers, screw — armourers — small	1	1	1	1	1	1	
Drivers, screw — extractor, axis, M.L.M.	1	....	....	1	1	1	
Drivers, screw — fork, dial, sight, M.L.M.	....	....	...	1	1	1	
Files, bastard — flat — 6 inch	2	2	2	2	2	2	
Files, bastard — half-round — 10 ,,	2	2	2	2	2	2	
Files, bastard — half-round — 8 ,,	1	1	1	1	1	1	
Files, bastard — half-round — 6 ,,	2	2	2	2	2	2	
Files, bastard — half-round — 4 ,,	2	2	2	2	2	2	
Files, bastard — pillar — 6-inch	1	1	1	1	1	1	
Files, bastard — round — 8 ,,	1	1	1	1	1	1	
Files, bastard — round — 4 ,,	2	2	2	2	2	2	
Files, bastard — round — 3 ,,	2	2	2	2	2	2	
Files, bastard — safe-edge — 10 ,,	2	2	2	2	2	2	
Files, bastard — safe-edge — 8 ,,	2	2	2	2	2	2	

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Files	bastard, three-square	6 ,,	....	....	2	2	2	2	2	2	
	dead smooth, three-square	6 ,,	....	....	1	1	1	1	1	1	
	smooth: flat	6 ,,	....	....	1	1	1	1	1	1	
	smooth: half-round	8 ,,	....	....	1	1	1	1	1	1	
	smooth: half-round	6 ,,	....	....	2	2	2	2	2	2	
	smooth: half-round	4 ,,	....	....	1	1	1	1	1	1	
	smooth: pillar	6 ,,	....	....	2	2	2	2	2	2	
	smooth: pillar	3 ,,	....	....	1	1	1	1	1	1	
	smooth: safe-edge	8 ,,	....	....	2	2	2	2	2	2	
	smooth: safe-edge	6 ,,	....	....	1	1	1	1	1	1	
	smooth: three-square	5 ,,	....	....	1	1	1	1	1	1	
	smooth: three-square	4 ,,	....	....	2	2	2	2	2	2	
38407 / Equipt. / 2022 **Floats**, fore-end, M.L.M. rifle		No. 1 (large)		....	1	1	1	1	1	1	
		No. 2 (medium)		....	1	1	1	1	1	1	
Gauges, armourers	cartridge head, M.M. and M.E.			....	....	1	1	....	....	1	
	distance of bolt from end of chamber, M.L.M.	·064 in.			1	1	1	1	1	1	This also serves as a gauge, cartridge, dummy, M.M. for testing loading and firing positions of M.M. and M.E. arms.
		·072 ,,			1	....	....	1	1	1	
	striker, point, M.L.M.	Patt. B		....	1†	1†	1†	1†	1†	1†	
		,, C		....	1	1	1	1	1	1	
Gimlets, common					3	3	3	3	3	3	
Gouges, firmer	¾-inch				1	1	1	1	1	1	
	½ ,,				1	1	1	1	1	1	
	¼ ,,				1	1	1	1	1	1	
Hammers, riveting	24-oz.				1	1	1	1	1	1	†When stock is used up, to be replaced by next item.
	4 ,,				1	1	1	1	1	1	
Handles, file	large				6	6	6	6	6	6	
	small				6	6	6	6	6	6	
Horses, armourers (with screw)					....	....	....	....	....	2	
Implements, action	pattern C				1	....	....	1	1	1	
	M.-M.				....	1	1	....	....	1	
Mandrils	scabbard, sword bayonet, pattern 1888	blocking, leather			....	1	....	1	1	1	
		locket			....	1	....	1	1	1	
		tip (or chape)			....	1	....	1	1	1	

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Tools and Materials for Regimental and Circuit Armourers—*continued.*

	Articles.	For Armourers of Units armed with					For Circuit Armourers.	Remarks.
		Carbines		Rifles				
					M.L.M.			
		M.L.M. and M.L.E. Cavalry.	M.M. and M.E. Artillery.	M.E. Mark I.	Mark I.*	Mark II, II*, and M.L.E. Marks I and I*.		
38407 / Equipt. / 2022	**Mandrils** { sight protector, pattern B	....	...	1	1	1	1	
	Mandrils { bayonet, socket, M.E.	....	....	1	....	....	....	
	Pincers, armourers .... pairs	1	1	1	1	1	1	
	Planes, smoothing, armourers	1	1	1	1	1	1	
	Plates, screw { 6 taps, 3-hole .... sets	....	1	1	....	....	1	
	Plates, screw { 20 „ 20 „ .... „	1	....	....	1	1	1	
	Pliers, flat nose .... pairs	1	1	1	1	1	1	
	Plugs, clearing { plain, ·303 arms	1	1	1	1	1	1	Tapped at end to screw on rod.
	Plugs, clearing { split, M.L.M. rifle	1	1	1	1	1	1	
	Pots, glue, ½-pint	1	1	1	1	1	1	
	Pressers, extractor, spring, M.L.M. rifle	1	....	....	1	1	1	To be replaced by "Tool, extractor, spring," when store is exhausted.
	Punches, depressing lever, M.M.	....	1	1	....	....	1	
	Rasps, fine, half-round, 9-in.	1	1	1	1	1	2	
	Rods, armourers, cleaning, M.L.M. rifle	1	1	1	1	1	1	Tapped at end to take wire brush.
	Saws { hand, 24-inch	1	1	1	1	1	1	
	Saws { slitting, 7⅛-inch	1	1	1	1	1	1	

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Scribers, for sight line tool	....	....	....	....	....	....	This should be made by armourer.
Spanner, vice parallel	1	1	1	1	1	1	For mark II box.
Stakes, armourers — horns of lever, M.M.	....	1	1	....	....	1	
Stakes, armourers — lever for tumbler, M.M.	....	1	1	....	....	1	
Stamps, steel — for metal — $\frac{1}{8}$-inch, letters, 1 letter	§	§	§	§	§	1 set	§As required for regimental initials of abbreviated corps marks.
Stamps, steel — for metal — $\frac{5}{64}$-inch, figures, 0 to 8, sets	1	1	1	1	1	1	
Stamps, steel — for metal — $\frac{5}{64}$-inch, letters, 1 letter....	1 set	§†	§†	1 set	1 set	1 set	
Stamps, steel — dash lines, $\frac{1}{2}$-inch, for metal....	1	1	1	1	1	1	
Sticks — buff	3	3	3	3	3	3	†As required for regimental terminals of abbreviated corps marks.
Sticks — cleaning chamber, ·303 arms	1	1	1	1	1	1	
Sticks — " " ·303 arms, gauze wire pieces	1	1	1	1	1	1	
Stones, oil — armourers	1	1	1	1	1	1	
Stones, oil — slips, Arkansas — large	1	....	....	1	1	1	
Stones, oil — slips, Arkansas — small	....	1	1	....	....	1	
Testers, trigger pull, M.L.M. rifle	1	1	1	1	1	1	
Tool, extractor, spring	1	....	....	1	1	1	To replace "Presser, extractor, spring," when store of latter is used up.
Tools — bow drilling — bows, armourers	1	1	1	1	1	1	
Tools — bow drilling — boxes	2	2	2	2	2	2	
Tools — bow drilling — breast-plates, armourers	1	1	1	1	1	1	
Tools — bow drilling — drills .... sets	1	1	1	1	1	1	5 to a set.
Tools — bow drilling — stocks	1	1	1	1	1	1	
Tools — bow drilling — strings, armourers, knots	2	2	2	2	2	2	
Tools — clearing, ·303 inch arms, bits.... — corkscrew	1	1	1	1	1	1	
Tools — clearing, ·303 inch arms, bits.... — spoon	1	1	1	1	1	1	
Tools — clearing, ·303 inch, arms, rod	1	1	1	1	1	1	Screwed at end to take clearing bits and plugs.
Tools — removing — handguards	....	....	....	1	1	1	
Tools — removing — striker, patt. A. or B.	1	....	....	1	1	1	
Tools — removing — wad, stock bolt	1	....	....	1	1	1	

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Tools and Materials for Regimental and Circuit Armourers—*continued.*

Articles.	For Armourers of Units armed with Carbines: M.L.M. and M.L.E. Cavalry.	For Armourers of Units armed with Carbines: M.M. and M.E. Artillery.	For Armourers of Units armed with Rifles: M.E. Mark I.	For Armourers of Units armed with Rifles: M.L.M. Mark I.*	For Armourers of Units armed with Rifles: M.L.M. Mark II, II*, and M.L.E. Marks I and I*.	For Circuit Armourers.	Remarks
Tools — repairing bayonet scabbards — awls, spoon	....	....	1	....	....	....	
blocks, riveting	....	....	1	....	....	....	
mandrils, long	....	....	1	....	....	....	
pliers .... pairs	....	....	1	....	....	....	
pressers	....	....	1	....	....	....	
punches — cup	....	....	1	....	....	....	
punches — riveting — large	....	....	1	....	....	....	
punches — riveting — small	....	....	1	....	....	....	
punches — set	....	....	1	....	....	....	
punches — stripping	....	....	1	....	....	....	
sets, flat	....	....	1	....	....	....	
Tools — sight line — rifle	1	1	1	1	1	1	
Tools — sight line — ·03 inch left	....	....	....	....	1	1	
Para. 10688 L, of C. **Vices** — hand, 16-oz.	1	1	1	1	1	1	
Vices — standing, 36 lbs.	....	....	....	....	....	1	For Mark I. box only.
Vices — parallel, regimental armourers	1	1	1	1	1	1	For Mark II. box only.

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TOOLS FOR SWORDS & SCABBARDS.

	Mallets, scabbard, sword, cavalry	....	....	....	....	....	1		
38407 Equipt. 2022	**Mandrils,** scabbard, sword — staff serjeants — patt. '89 ...	....	....	....	....	....	1		
	,, '97 & '98	....	....	....	....	....	1		
	cavalry, patt. 1885 — Mark I.	....	....	....	....	....	1	Also 1 of each for armourers of mounted corps, pattern of mandril to follow pattern of scabbard in possession.	
	Mark II. (also for patt. '99 and household cavalry, patt. '92)	....	....	....	....	....	1		

MATERIALS.

Boxes, oilstone dust (containing 4-oz.)	1	....	....	1	1	1
Borax, refined .... ozs.	2	2	2	2	2	2
Cloth, emery, fine — O. .... quires	½	½	½	½	½	½
F. .... ,,	½	½	½	½	½	½
Dust, oilstone .... ozs.	6	....	....	6	6	6
Glue, best town made .... lbs.	1	1	1	1	1	1
Paper, glass — coarse, No. 2 .... quires	½	½	½	½	½	½
fine, No. 1½ .... ,,	½	½	½	½	½	½
Resin, black .... lbs.	½	½	½	½	½	½
Spelter, brass .... oz.	2	2	2	2	2	2
Tin, grain .... ,,	4	4	4	4	4	4
Wire, armourers, iron, No. 20 S.W.G., soft .... lbs.	½	½	½	½	½	½

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APPENDIX V.

(*Referred to in paragraphs* 243 *and* 245.)

SETS OF TOOLS.

CHEST, TOOL, FILLED, No. 1A.

(Bricklayer's and Mason's, General Service, except for Royal Engineers.)

Articles.	No.
Woolwich Section, 2.	
Axes, pick — heads, 6½-lb.	1
Axes, pick — helves, 34½ inches	1
Shovels, universal	1
Woolwich Section, 7.	
Chests, tool, empty, No. 1.	1
Axes, masons', 6-lb.	2
Bars, setting	1
Bevels, wood blade, 15-inch	1
Brushes, whitewash — 9-oz.	1
Brushes, whitewash — 6 ,,	1
Chisels — brick — 24-inch	1
Chisels — brick — 18 ,,	1
Chisels — brick — 12 ,,	1
Chisels — masons' — 2½ ,,	1
Chisels — masons' — 2 ,,	1
Chisels — masons' — 1½ ,,	1
Chisels — masons' — 1 ,,	1
Hammers — brick	1
Hammers — masons — chisel point, 5-lb.	1
Hammers — masons — double pick, 8-lb.	1
Hammers — masons — mash	1
Hammers — masons — spalling, 10-lb.	1
Levels, F. S., 2-ft. 6-in.	1
Lines, bricklayers'	1
Mallets, masons'	1
Pins, line — pairs	1
Plugs, with feathers — sets	6
Points, masons'	2
Rules — collarmakers', 4-fold	1
Rules — masons', plumb	1
Squares, smiths', iron	1
Trowels — bricklayers', 12-inch	1
Trowels — masons'	1
Trowels — plasterers', set	1

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Chest, Tool, Filled, No. 1A (Bricklayer's and Mason's)—*cont.*

Articles.	No.
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for.	
Woolwich Section, 7.	
Sieves, masons'	1

CHEST, TOOL, FILLED No. 3A.
(Carpenter's, G.S.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 3	1
Adzes, carpenters' — heads....	1
Adzes, carpenters' — handles	1
Augers — shell — $1\frac{1}{2}$-inch	1
Augers — shell — $1\frac{1}{4}$ "	1
Augers — shell — $1\frac{1}{8}$ "	1
Augers — shell — 1 "	1
Augers — shell — $\frac{7}{8}$ "	1
Augers — shell — $\frac{3}{4}$ "	1
Augers — shell — $\frac{5}{8}$ "	1
Augers — shell — $\frac{1}{2}$ "	1
Augers — handles — 18-inch	1
Augers — handles — 16 "	1
Augers — handles — $13\frac{1}{2}$ "	1
Augers — handles — 12 "	1
Awls — blades, brad	24
Awls — handles, brad — large	3
Awls — handles, brad — small	3
Axes, carpenters', $6\frac{1}{2}$-lb.	1
Bags, tool, carpenters'	1
Bars, crow, 2 ft. 3 in.	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits*	1
Chisels, firmer — $1\frac{1}{2}$-inch	1
Chisels, firmer — 1 "	1
Chisels, firmer — $\frac{3}{4}$ "	1
Chisels, firmer — $\frac{1}{2}$ "	1

* Detail of bits:

Braces, carpenters', bits	centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	7
	countersink — flat	1
	countersink — rose	1
	dowling, sash	1
	gouge, $\frac{7}{16}$, $\frac{5}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	6
	nose, $\frac{3}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	5
	rimer, square	1
	screwdriver	1
	taper...	1

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Chest, Tool, Filled, No. 3A (Carpenter's, G.S.)—*continued.*

Articles.	No.
Chisels, hand, cold, 1 inch × 8 inches	1
Chisels, hand, cold, ¾ " × 8 "	1
Chisels, mortice, ½-inch	1
Chisels, mortice, ¾ "	1
Chisels, mortice, ¼ "	1
Chisels, socket, 1½ "	1
Chisels, socket, 1 "	1
Chisels, socket, ¾ "	1
Chisels, socket, ⅝ "	1
Chisels, socket, ½ "	1
Compasses, common, 7-inch pairs	1
Compasses, wing, 10 " "	1
Drivers, screw, G.S., 14-inch	1
Drivers, screw, G.S., 6 "	1
Files, bastard, half-round, 14-inch	2
Files, bastard, round 14 "	1
Files, saw, three-square, hand 5½ "	18
Files, saw, three-square, tenon 4 "	6
Gauges, carpenters', marking	1
Gauges, carpenters', mortice	1
Gimlets, common, No. 1	2
Gimlets, common, " 2	2
Gimlets, common, " 3	1
Gimlets, common, " 4	1
Gimlets, common, " 5	1
Gimlets, common, " 6	1
Gimlets, spike, ⅜-inch	2
Gimlets, spike, ¼ "	2
Gouges, firmer, ⅝-inch	1
Gouges, firmer, ½ "	1
Gouges, firmer, ⅜ "	1
Gouges, pecking, 1-inch	1
Hammers, riveting, 24-oz.	1
Hammers, smiths', sledge, 10-lb.	1
Hammers, wheelers', shoeing	1
Handles, file, large	2
Handles, file, middling	2
Handles, file, small	2
Lines, carpenters'	1
Mallets, carpenters'	1
Pencils, carpenters	12
Pincers, carpenters' pairs	1
Pins, draw-bore, 16-inch	1
Pins, draw-bore, 12 "	2
Planes, bead	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G.S.	1
Planes, trying	1

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Chest, Tool, Filled, No. 3A (Carpenter's, G.S.)—*continued.*

Articles.	No.
Pots, glue, 1-quart	1
Punches, carpenters' { large	1
Punches, carpenters' { small	1
Rasps, coarse, half-round, 12-inch	1
Reels, carpenters' line	1
Rules, carpenters', common....	1
Saws { compass	1
Saws { hand, 26-inch	1
Saws { tenon, 19-inch	1
Sets, saw { hand	1
Sets, saw { pit	1
Shaves, spoke { 4-inch	2
Shaves, spoke { 3¼ "	2
Spanners, McMahon, 15-inch	1
Squares { carpenters', 9-inch	1
Squares { smiths', iron	1
Stones, oil, carpenters'	1
Woolwich Section, 11.	
Chalk, white (for line, carpenters') .... lbs.	¼
Woolwich Section, 25.	
Brushes, paint, sash tool, No. 6	1
Woolwich Section, 26.	
Stones, rag	1

CHEST, TOOL, FILLED, No. 4A.
(Carpenter's, Plain, G.S.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 4	1
Adzes, carpenters' { heads	1
Adzes, carpenters' { handles	1
Augers { screw, common { 2-inch	1
Augers { screw, common { 1 " 29 inches long	1
Augers { screw, common { ¾ "	1
Augers { handles { 18-inch	1
Augers { handles { 16 "	1
Augers { handles { 13½ "	1
Baskets, tool	1
Chisels { hand, cold, ¾ inch × 8 inches	1
Chisels { socket, ¾-inch	1
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G.S., 12-inch	1

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Chest, Tool, Filled, No. 4A (Carpenter's, Plain, G.S.)—*cont.*

Articles.			No.
Files, saw, three-square	crosscut, 9-inch		2
	hand, 5½-inch		3
Gimlets common	No. 1		1
	„ 2		1
	„ 3		1
spike, $\frac{5}{16}$-inch			2
Hammers	riveting, 24-oz.		2
	wheelers', shoeing		1
Handles, file, small			2
Knives, drawing, carpenters'			1
Lines, carpenters'			1
Pencils, carpenters'			6
Pincers, carpenters'		pairs	1
Punches, carpenters', small			1
Reels, carpenters' line			1
Rules, collarmakers', 4-fold			2
Saws, hand, 26-inch			1
Sets, saw	hand		1
	pit		1
Shaves, spoke, 3¼-inch			1
Spanners, McMahon, 15-inch			1
Squares, carpenters', 9-inch			1
Woolwich Section, 10.			
Locks, pad, iron, small			1
Woolwich Section, 11.			
Chalk, white (for line, carpenters')		lbs.	¼
Woolwich Section, 26.			
Stones, rag			1

CHEST, TOOL, FILLED, No. 5A.
(Collarmaker's and Saddler's.)

Articles.			No.
Woolwich Section, 7.			
Chests, tool, empty, No. 5			1
Awls, blades	backing		6
	buckling	4-inch	3
		2¾ „	3

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Chest, Tool, Filled, No. 5A (Collarmaker's and Saddler's)—*cont.*

Articles.	No.
Awls — blades — drawing	2
Awls — blades — garnishing — $2\frac{1}{4}$-inch	2
Awls — blades — garnishing — $1\frac{7}{8}$ "	2
Awls — blades — harness — $1\frac{7}{8}$ "	4
Awls — blades — harness — $1\frac{3}{4}$ "	4
Awls — blades — harness — $1\frac{5}{8}$ "	4
Awls — blades — harness — $1\frac{3}{8}$ "	3
Awls — blades — harness — $1\frac{1}{4}$ "	2
Awls — blades — pannel — $5\frac{3}{4}$ "	2
Awls — blades — pannel — 4 "	4
Awls — handles — drawing	4
Awls — handles — harness	4
Awls — handles — pannel	1
Bones, hollow	1
Chisels, hand, cold, $\frac{3}{4}$ inch × 8 inches	1
Clams, collarmakers' pairs	1
Claws, nail	1
Compasses, common, 7-inch pairs	1
Creases — double	1
Creases — single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common, No. 6	1
Hammers — collarmakers'	1
Hammers — riveting — 24-oz.	1
Hammers — riveting — 8-oz.	1
Hammers — riveting — saddle-seat	1
Irons — collar — 34-inch	1
Irons — collar — 29 "	1
Irons — collar — 23 "	1
Irons — pricking — 12-stitch	1
Irons — pricking — 8 "	1
Irons — pricking — 5 "	1
Irons — seat, stuffing, 14-inch	1
Knives — clasp	1
Knives — gauge-plough	1
Knives — half-round	1
Knives — head	1
Lead, punching, collarmakers', 8-lb piece	1
Mallets — collar	1
Mallets — tinman's	1
Needles, — collar — packing — half-moon — $6\frac{1}{2}$-inch	1
Needles, — collar — packing — half-moon — $5\frac{1}{2}$ "	1
Needles, — collar — packing — half-moon — $4\frac{1}{2}$ "	1
Needles, — collar — packing — 1	2
Needles, — collar — packing — 2	2
Needles, — collar — packing — 3	2
Needles, — collar — packing — 4	3
Needles, — collar — packing — 5	3
Needles, — collar — packing — 6	3
Needles, — darning, 4-inch	6
Needles, — harness	100

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Chest, Tool, Filled, No. 5A (Collarmaker's and Saddler's)—*cont.*

Articles.	No.
Needles, saddlers' { sewing	100
stitching	25
Palms, collarmakers'	1
Pincers, saddlers' .... pairs	1
Pliers, flat nose .... ,,	1
Punches, oval { No. 31	1
,, 30	1
,, 28	1
,, 27	2
,, 24	1
,, 23	1
,, 22	2
,, 20	2
Rasps, shoemakers', 10-inch....	1
Rules, collarmakers', 4-fold	7
Scissors, tailors' .... pairs	1
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge { No. 1	1
,, 2	1
,, 3	1
Woolwich Section, 26.	
Stones { rag	1
rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for :—	
Woolwich Section, 7.	
Cards, towsing, small* .... pairs	1

* Towsing cards will not be issued unless specially demanded. When issued to Horse and Field Batteries they will be carried in the limber of forge wagon.

CHEST, TOOL, FILLED, No. 6A.

(Cooper's, General Service, except for Royal Engineers.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 6	1
Adzes, coopers' { notching	1
rounding	1

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Chest, Tool, Filled, No. 6A (Cooper's, General Service)—*cont.*

Articles.	No.
Axes, coopers'	1
Borers, bung	1
Chisels, hand, cold, 1 inch by 8½ inches	1
Chives, coopers' — 7¼-inch	1
Chives, coopers' — 6¾ ,,	1
Compasses, wing, 12-inch pairs	1
Drivers, coopers' — kneed	1
Drivers, coopers' — socket, iron	1
Files, saw, three-square, hand, 5½-inch	6
Froes (with handle)	1
Hammers — coopers', hand, 3½-lb.	1
Hammers — riveting, 8-oz.	1
Howels, barrel	1
Irons, bick upon wood	1
Jiggers	1
Jointers, F.S.	1
Knives — cramming	1
Knives — drawing, coopers'	1
Knives — notching	1
Pincers, carpenters' pairs	1
Punches, coopers' — large	1
Punches, coopers' — small	1
Rules, coopers'	1
Saws — compass	1
Saws — hand, 26-inch	1
Shaves, coopers' — inside — cask	1
Shaves, coopers' — inside — pail	1
Shaves, coopers' — outside cask	1
Shaves, coopers' — round	1
Stocks — coopers'	1
Stocks — crows — barrel	1
Stocks — crows — pail	1
Stones, oil, carpenters'	1
Vices, screw, iron	1
Woolwich Section, 26.	
Stones, rag	1

CHEST, TOOL, FILLED, No. 7.

(Farrier's and Shoeing Smith's, General Service.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 7 (EQ. R.)	1

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Chest, Tool, Filled, No. 7 (Farrier's, &c., General Service)—*cont.*

Articles.	No.
FORGE TOOLS.	
Chisels, farriers', handled	1
Cresses, farriers' (set of 2) .... sets	1
Cutters, anvil { flat, smiths', 2-inch	1
Cutters, anvil { half-round, farriers'	2
Cutters, anvil { nail, farriers'	1
Fullers, farriers', handled	1
Hammers, farriers' .... { pointing	1
Hammers, farriers' .... { sledge, 9½-lb.	1
Hammers, farriers' .... { turning	1
Pokers, smiths'	1
Pritchels, farriers'	3
Slices, farriers'	1
Stakes, farriers'	1
Stamps, farriers'	2
38407 Equipt. 2015 **Tongs,** farriers' { fire .... pairs	1
Tongs, farriers' { turning (3 sizes) .... ,,	3
Woolwich Section, 7.	
SHOEING TOOLS.	
Aprons, basil, white	1
Bags, tool, farriers'	1
Buffers, farriers'	1
Hammers, farriers', shoeing	1
Knives.... .... { drawing, farriers'	2
Knives.... .... { searching, farriers'	1
Pincers, farriers' .... pairs	1
Rasps, farriers', 16-inch*	2
Stones, rag, farriers'	1

* Renewable quarterly.

CHEST, TOOL, FILLED, No. 11A.

(Smith's, General Service.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 11	1
Braces, smiths'	1
Braces, smiths', bits { countersink, rose	1
Braces, smiths', bits { reamer { half-round....	1
Braces, smiths', bits { reamer { square	1
Callipers, 10-inch .... pairs	1

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Chest, Tool, Filled, No. 11A (Smith's, General Service)—*cont.*

Articles.	No.
Chisels, hand, cold, 1 inch × 8½ inches	2
Chisels, hand, cold, ¾ ,, × 8 ,,	2
Chisels, smiths', cold	1
Chisels, smiths', hot	2
Compasses, wing, 10-inch pairs	1
Drivers, screw, G.S. 14-inch	1
Drivers, screw, G.S. 6 ,,	1
Files, bastard, flat, 14-inch	10
Files, bastard, flat, 10 ,,	6
Files, bastard, flat, 8 ,,	4
Files, bastard, half-round, 14 ,,	4
Files, bastard, half-round, 10 ,,	4
Files, bastard, round, 12 ,,	4
Files, bastard, round, 8 ,,	2
Files, bastard, rubbers, ½ thick, 16-inch	3
Files, bastard, square, 10-inch	2
Files, bastard, square, 8 ,,	2
Files, bastard, three-square, 12 ,,	1
Files, bastard, three-square, 7 ,,	1
Files, bastard, warding, 5-inch	2
Files, bastard, ,, cut on one side, 3½-inch	2
Hammers, riveting, 24-oz.	1
Hammers, smiths', hand, 3-lb.	1
Hammers, smiths', setting	1
Hammers, smiths', sledge, 10-lb.	1
Hammers, smiths', uphand, 7-lb.	1
Handles, file, large	2
Handles, file, small	4
Holdalls, smiths'	1
Pincers, carpenters' pairs	1
Plates, screw, B.A. standard	1
Punches, smiths', cold	2
Punches, smiths', hot, ⅝-inch	1
Punches, smiths', hot, ½ ,,	1
Punches, smiths', hot, ⅜ ,,	1
Rules, carpenters', common	1
Saws, cutting metal, 10-inch	1
Saws, cutting metal, blades, 10-inch (spare)	1
Spanners, McMahon, 15-inch	1
Squares, smiths', iron	1
Stones, oil, smiths'	1
Tongs, smiths', bolt pairs	1
Tongs, smiths', forebit ,,	1
Tongs, smiths', forge, large ,,	1
Tongs, smiths', hammer ,,	1
Tongs, smiths', hollow bit ,,	1
Tongs, smiths', plier ,,	1
Tools, bow, drilling, bows, smiths'	1
Tools, bow, drilling, boxes	2
Tools, bow, drilling, breast-plates, smiths'	1

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Chest, Tool, Filled, No. 11A (Smith's, General Service)—*cont.*

Articles.	No.
Tools, bow, drilling { drills .... sets	1
stocks	1
strings, smiths' .... knots	6
Vices, hand, 16-oz.	1
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for:—	
Woolwich Section, 7.	
Chests, stocks and dies, Whitworth thread, $1\frac{1}{8}$-inch to $\frac{1}{4}$-inch, filled	1
Vices, standing, 36 lbs.	1

CHEST, TOOL, FILLED, No. 11E.
(Carriage Smith's, R.A., Garrison.)

Articles.	No.
Woolwich Section, 7.	
Chest, tool, empty, No. 11	1
Aprons, basil, brown....	2
Brace, smiths'....	1
Braces { smiths', bits { countersink, rose	1
rimer { half-round	1
square	1
ratchet { 18-inch	1
drills (No. 1 to 11), $1\frac{1}{2}$-inch to $\frac{1}{4}$-inch sets	1
Callipers, 10-inch .... pairs	1
Chisels { hand, cold { 1 inch × 8 inches....	2
$\frac{3}{4}$ inch × 8 inches....	2
rivet-head	1
smiths' { cold	1
hot	2
Compasses, wing, 10-inch .... pairs	1
Cutter, anvil, flat, smiths', 2-inch	1
Drivers, screw, G.S. { 14-inch	1
6 „	1
Files, bastard, flat { 14-inch	10
10 „	6
8 „	4

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Chest, Tool, Filled, No. 11E (Carriage Smith's, &c.)—*cont.*

Articles.	No.
Files, bastard — half-round — 14-inch	4
Files, bastard — half-round — 10 ,,	4
Files, bastard — round — 12-inch	4
Files, bastard — round — 8 ,,	2
Files, bastard — rubbers, ½-inch thick, 16-inch	3
Files, bastard — three-square — 12-inch	1
Files, bastard — three-square — 7 ,,	1
Files, bastard — square — 10 ,,	2
Files, bastard — square — 8 ,,	2
Files, bastard — warding — 5-inch	
Files, bastard — warding — cut on one side, 3½-inch	2
Flatters, smiths'	1
Fullers — bottom	1
Fullers — top	1
Hammers — fitters' — 24-oz.	1
Hammers — fitters' — 32 ,,	1
Hammers — smiths' — hand, 3-lb.	1
Hammers — smiths' — setting	1
Hammers — smiths' — sledge, 10-lb.	1
Hammers — smiths' — uphand, 7-lb.	1
Handles, file — large	2
Handles, file — small	4
Handles, file — swan-neck	1
Holdalls, smiths'	1
Pincers, carpenters' pairs	1
Plate, screw, B.A. standard	1
Pliers, side-cutting, 7-inch pairs	1
Punches — centre, 4½-inch	1
Punches — smiths' — cold	2
Punches — smiths' — hot — ⅝-inch	1
Punches — smiths' — hot — ½ ,,	1
Punches — smiths' — hot — ⅜ ,,	
Rods, smiths', iron	
Rule, carpenters', common	1
Saws, cutting metal — 10 inch	1
Saws, cutting metal — blades, 10-inch	1
Snaps — hand, riveting — 7/16-inch	1
Snaps — hand, riveting — 3/8 ,,	1
Snaps — hand, riveting — 3/16 ,,	2
Snaps — hand, riveting — ¼ ,,	2
Snaps — riveting, rod — 1⅝ ,,	2
Snaps — riveting, rod — 1½ ,,	2
Snaps — riveting, rod — 1 3/8 ,,	2
Snaps — riveting, rod — 1⅛ ,,	2
Snaps — riveting, rod — 1 ,,	2
Snaps — riveting, rod — ⅞ ,,	2
Snaps — riveting, rod — ¾ ,,	2
Snaps — riveting, rod — ⅝ ,,	2
Snaps — riveting, rod — ½ ,,	2

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Chest, Tool, Filled, No. 11E (Carriage Smith's, &c.)—*cont.*

Articles.	No.
Spanner, McMahon's, 15-inch	1
Square, smiths', iron....	1
Stocks, drill, bevel, wheel	1
Stocks, drill, bevel, wheel bits .... sets	1
Stone, oil, smiths'	1
Tongs, smiths' bolt .... pairs	1
Tongs, smiths' fore bit .... ,,	1
Tongs, smiths' forge, large .... ,,	1
Tongs, smiths' hammers .... ,,	1
Tongs, smiths' hollow bit .... ,,	1
Tongs, smiths' plier .... ,,	1
Traveller	1
Vice, hand, 16-oz.	1
Woolwich Section, 18.	
Cloths, sponge	4
Miscellaneous.	
Handbook, military artificers'	1

The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for :—

Woolwich Section, 7.	
Chest, stocks and dies, Whitworth thread, $1\frac{1}{8}$-inch to $\frac{1}{4}$-inch, filled	1
DETAIL OF STOCKS AND DIES.	
Chests, stocks and dies, Whitworth thread dies .... $1\frac{1}{8}$-inch .... sets	1
Chests, stocks and dies, Whitworth thread dies .... 1 ,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{7}{8}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{3}{4}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{5}{8}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{1}{2}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{7}{16}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{3}{8}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{5}{16}$,, ... ,,	1
Chests, stocks and dies, Whitworth thread dies .... $\frac{1}{4}$-inch .... ,,	1

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Chest, Tool, Filled, No. 11E (Carriage Smith's, &c.)—*cont.*

Articles.				No.
Chests, stocks and dies, Whitworth thread	spanners	$\frac{7}{8}$-inch	....	1
		$\frac{5}{8}$,,	....	1
	stocks	C	....	1
		D	....	1
	taps ...	$1\frac{1}{8}$-inch	plug	1
			1st turn	1
			2nd turn	1
		1 ,,	plug	1
			1st turn	1
			2nd turn ..	1
		$\frac{7}{8}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{3}{4}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{5}{8}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{1}{2}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{7}{16}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{3}{8}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{5}{16}$,,	plug	1
			1st turn	1
			2nd turn	1
		$\frac{1}{4}$,,	plug	1
			1st turn ...	1
			2nd turn ...	1
	wrenches	I	....	1
		H	....	1
		F	... .	1
		D	....	1
Vice, standing, 80-lb., with iron bench*			... .	1

* An engineer supply.

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CHEST, TOOL, FILLED, No. 12A.

(Whitesmith's or Tinman's, General Service, except for Royal Engineers.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 12	1
Awls, scoring	1
Bellows, tinman's	1
Chisels, tinman's { 1-inch	1
Chisels, tinman's { ¼ ,, ...	1
Compasses, common, 7-inch .... pairs	1
Files, bastard, flat, 12-inch	2
Groovers	1
Hammers, tinman's { creasing, 10-oz.	1
Hammers, tinman's { block, 3 lbs. 6 oz.	1
Hammers, tinman's { riveting, 16-oz.	1
Hooks, shave, 1½-inch	1
Irons { creasing, 11-lbs.	1
Irons { soldering, tinman's	2
Knives, laboratory	1
Mallets, tinman's	1
Pots, fire, tinman's	1
Rasps, fine, half-round, 12-inch	1
Shears, tinman's { scotch	1
Shears, tinman's { stock	1
Squares, smiths', iron	1

CHEST, TOOL, FILLED, No. 13A.

(Painter's, General Service, except for Royal Engineers.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 13....	1
Brushes, sable, writing .... { crow, large	1
Brushes, sable, writing .... { duck, large	1
Brushes, sable, writing .... { goose { large	1
Brushes, sable, writing .... { goose { small	1
Cans, paint { 7½ inches diameter....	1
Cans, paint { 7 ,, ,, ...	1

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Chest, Tool, Filled, No. 13A (Painter's, &c.)—*continued.*

Articles.	No.
Knives .... palette, 9-inch	1
Knives .... stopping	1
Pots, writing	1
Woolwich Section, 25.	
Brushes, paint — ground, 000	2
Brushes, paint — unground, 000	2
Brushes, paint — sash tool — No. 2	2
Brushes, paint — sash tool — „ 4	2
Brushes, paint — sash tool — „ 6	2

CHEST, TOOL, FILLED, No. 3c.

(Wheeler's and Saddletreemaker's, General Service, except for Royal Engineers and Field Artillery.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 3	1
Adzes, carpenters' — heads	1
Adzes, carpenters' — handles	1
Augers — shell — 1½-inch	1
Augers — shell — 1¼ „	1
Augers — shell — 1⅛ „	1
Augers — shell — 1 „	1
Augers — shell — ⅞ „	1
Augers — shell — ¾ „	1
Augers — shell — ⅝ „	1
Augers — shell — ½ „	1
Augers — handles — 18-inch	1
Augers — handles — 16 „	1
Augers — handles — 13½ „	1
Augers — handles — 12 „	1
Awls — blades, brad	24
Awls — handles, brad — large	3
Awls — handles, brad — small	3
Axes, wheelers', 7-lbs.	1
Bags, tool, carpenters'	1
Bars, crow, 2 feet 3 inches	1
Bevels, steel blade, 12-inch	1

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Chest, Tool, Filled, No. 3c (Wheeler's, &c.)—*continued.*

Articles.	No.
Braces, carpenters', with 24 bits*	1
Buzzes $\frac{3}{4}$-inch	1
Buzzes $\frac{5}{8}$ "	1
Chisels boxing large	1
Chisels boxing small	1
Chisels firmer $\frac{3}{8}$-inch	1
Chisels firmer $\frac{1}{4}$ "	1
Chisels firmer $\frac{1}{8}$ "	1
Chisels firmer, coachmakers' $1\frac{3}{4}$-inch	1
Chisels firmer, coachmakers' $1\frac{5}{8}$ "	1
Chisels firmer, coachmakers' $1\frac{1}{2}$ "	1
Chisels firmer, coachmakers' $1\frac{3}{8}$ "	1
Chisels firmer, coachmakers' $1\frac{1}{4}$ "	1
Chisels firmer, coachmakers' $1\frac{1}{8}$ "	1
Chisels firmer, coachmakers' 1 "	1
Chisels firmer, coachmakers' $\frac{7}{8}$ "	1
Chisels firmer, coachmakers' $\frac{3}{4}$ "	1
Chisels firmer, coachmakers' $\frac{5}{8}$ "	1
Chisels firmer, coachmakers' $\frac{1}{2}$ "	1
Chisels firmer, coachmakers' $\frac{3}{8}$ "	1
Chisels firmer, coachmakers' $\frac{1}{4}$ "	1
Chisels hand, cold 1 inch × $8\frac{1}{2}$ inches	1
Chisels hand, cold $\frac{3}{4}$ inch × 8 inches	1
Chisels mortice, $\frac{1}{4}$-inch	1
Compasses common, 7-inch pairs	1
Compasses wing, 10 " "	1
Drivers, screw, G.S. 14-inch	1
Drivers, screw, G.S. 6 "	1
Files bastard half-round, 14-inch	2
Files bastard round, 14 "	1
Files saw, three-square hand, $5\frac{1}{2}$-inch	18
Files saw, three-square tenon, 4 "	6
54 Gen. No. 8203 **Gauges,** carpenters' marking	1
Gauges, carpenters' mortice	1
Gimlets common No. 1	2
Gimlets common " 2	2
Gimlets common " 3	1
Gimlets common " 4	1
Gimlets common " 5	1
Gimlets common " 6	1
Gimlets spike $\frac{3}{8}$-inch	2
Gimlets spike $\frac{1}{4}$ "	2

* Detail of bits :—		
Braces, carpenters', bits	centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	7
	countersink flat	1
	countersink rose	1
	dowling sash	1
	gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	6
	nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	5
	rimer, square	1
	screwdriver	1
	taper	

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Chest, Tool, Filled, No. 3c (Wheeler's, &c.)—*continued.*

Articles.	No.
Gouges, handled — boxing — 2-inch	1
Gouges, handled — boxing — 1¾ ,,	1
Gouges, handled — firmer — ⅝ ,,	1
Gouges, handled — firmer — ½ ,,	1
Gouges, handled — firmer — ⅜ ,,	1
Gouges, handled — pecking, 1-inch	1
Hammers — riveting — 24-oz.	1
Hammers — riveting — 16 ,,	1
Hammers — riveting — saddleseat	1
Hammers — smiths', sledge, 10-lbs.	1
Hammers — wheelers', shoeing	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, carpenters'	1
Pencils, carpenters'	12
Pincers, carpenters' .... pairs	1
Pins, drawbore — 16-inch	1
Pins, drawbore — 12 ,,	2
Planes — bead	1
Planes — jack, double iron	1
Planes — plough	1
Planes — rabbet, skew	1
Planes — smoothing, G.S.	1
Planes — trying	1
Pots, glue, 1-pint	1
Punches, carpenters' — large	1
Punches, carpenters' — small	1
Rasps, coarse, half-round, 12-inch	1
Reels, carpenters' line	1
Rules, carpenters', common	1
Saws — compass	1
Saws — dovetail, brass back	1
Saws — frame, 15-inch	1
Saws — hand, 26-inch	1
Saws — tenon, 19-inch	1
Screws, thumb	1
Sets, saw — hand	1
Sets, saw — pit	1
Shaves, spoke — 4-inch	2
Shaves, spoke — 3¼ ,,	2
Spanners, McMahon, 15-inch	1
Squares — smiths', iron	1
Squares — carpenters' — 9-inch	1
Squares — carpenters' — 4 ,,	1
Stones, oil, carpenters'	1
Vices — bench, saddletreemakers'	1
Vices — hand, 16 oz.	1
Woolwich Section, 11.	
Chalk, white (for line, carpenters) .... lb.	¼

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Chest, Tool, Filled, No. 3c (Wheeler's, &c.)—*continued.*

Articles.	No.
Woolwich Section, 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Woolwich Section, 26.	
Stones, rag	1
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for:—	
Woolwich Section, 7.	
Sampsons*	1

* "Sampsons" are only issued when specially demanded.

TOOLS FOR MILITARY WORKSHOPS.

(*Referred to in paragraph* 245.)

CHEST, TOOL, FILLED, No. 1B.

(Bricklayer's and Mason's, Regimental.)

Packed in Two No. 1 *Chests, and forming One Set.*

Articles.	No.
Woolwich Section, 2.	
Shovels, universal	2
Woolwich Section, 7.	
Chests, tool, empty, No. 1	2
(BRICKLAYER'S TOOLS.)	
Axes, brick	2
Bars, crow, 3 feet 6 inches	1
Bevels, brass blade	2
Chisels brick 24-inch	2
Chisels brick 18 ,, ...	2
Chisels brick 12 ,, ...	2
Chisels masons', 2¼-inch	2
Hammers, brick	3

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Chest, Tool, Filled, No. 1B (Bricklayer's and Mason's)—*cont.*

Articles.	No.
Lines, bricklayers'	2
Pins, line .... pairs	2
Rules carpenters', common	2
Rules masons', plumb	2
Trowels bricklayers', pointing cross joint	1
Trowels bricklayers', pointing tuck	1
Trowels plasterers', set	2
(MASON'S TOOLS.)	
Woolwich Section, 7.	
Bars, setting	2
Bevels, wood blade, 12-inch	1
Chisels, masons' 2½-inch	2
Chisels, masons' 2 ,,	3
Chisels, masons' 1½ ,,	2
Chisels, masons' 1¼ ,,	2
Chisels, masons' ribbing	1
Hammers, masons' double pick 8-lbs.	1
Hammers, masons' double pick 4 ,,	1
Hammers, masons' mash	1
Hammers, masons' spalling, 4-lbs.	1
Lines, bricklayers'	1
Mallets, masons'	1
Pins, line .... pairs	1
Points, masons'	6
Rules carpenters', common	1
Rules masons', plumb	1
Trowels, masons'	2
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for: —	
(BRICKLAYER'S TOOLS.)	
Woolwich Section, 7.	
Hods, mortar	2
Levels, wood, 5 feet	2
Sieves, masons'	1
Squares, masons'	2
(MASON'S TOOLS.)	
Levels, wood, 10 feet	1
Squares, masons'	1

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CHEST, TOOL, FILLED, No. 3B.
(Carpenter's, Regimental.)

Packed in Three No. 3 Chests, and forming One Set.

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 3	3
Adzes, carpenters' { heads	2
Adzes, carpenters' { handles	2
Augers { shell { $1\frac{1}{2}$-inch	1
Augers { shell { $1\frac{1}{4}$,, ...	1
Augers { shell { $\frac{7}{8}$,, ...	1
Augers { shell { $\frac{3}{4}$,, ...	1
Augers { shell { $\frac{5}{8}$,, ...	1
Augers { shell { $\frac{1}{2}$,, ...	1
Augers { handles { 18 ,, ...	1
Augers { handles { 16 ,, ...	1
Augers { handles { $13\frac{1}{2}$,, ...	1
Augers { handles { 12 ,, ...	1
Awls { blades, brad	12
Awls { handles, brad { large	6
Awls { handles, brad { small	6
Axes { carpenters', $6\frac{1}{2}$-lbs.	3
Axes { hand, 3-lbs.	3
Bags, tool, carpenters'	3
Bevels, steel blade, 12-inch	3
Braces, carpenters', with 24 bits*	2
Chisels { firmer { $1\frac{1}{2}$-inch	2
Chisels { firmer { $1\frac{3}{8}$,, ...	2
Chisels { firmer { $1\frac{1}{4}$,, ...	2
Chisels { firmer { 1 ,, ...	2
Chisels { firmer { $\frac{3}{4}$,, ...	2
Chisels { firmer { $\frac{1}{2}$,, ...	2
Chisels { firmer { $\frac{3}{8}$,, ...	2
Chisels { firmer { $\frac{1}{4}$,, ...	2
Chisels { hand, cold { $\frac{3}{4}$,, × 8 inches	3
Chisels { hand, cold { 1 ,, × $8\frac{1}{2}$,, ...	3
Chisels { mortice { $\frac{1}{2}$,, ...	3
Chisels { mortice { $\frac{3}{8}$,, ...	3
Chisels { mortice { $\frac{1}{4}$,, ...	3

* Detail of bits:—

Braces, carpenters', bits	centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	7
	countersink { flat	1
	countersink { rose...	1
	dowling sash...	1
	gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	6
	nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	5
	rimer, square	1
	screwdriver	1
	taper	1

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Chest, Tool, Filled, No. 3B (Carpenter's, Regimental)—*continued.*

Articles.	No.
Chisels, socket: 1½-inch	2
Chisels, socket: 1 ,,	2
Chisels, socket: ¾ ,,	2
Compasses, common, 7-inch pairs	3
Drivers, screw, G.S.: 14-inch	2
Drivers, screw, G.S.: 6 ,,	3
Files: bastard: flat, 14-inch	3
Files: bastard: half-round: 14-inch	3
Files: bastard: half-round: 10 ,,	3
Files: bastard: round, 14-inch	3
Files: saw, three-square: hand, 5½-inch	3
Files: saw, three-square: tenon, 4 ,,	3
Gauges, carpenters': cutting	1
Gauges, carpenters': marking	2
Gauges, carpenters': mortice	3
Gimlets: common: No. 1	1
Gimlets: common: ,, 2	1
Gimlets: common: ,, 3	1
Gimlets: common: ,, 4	1
Gimlets: common: ,, 5	1
Gimlets: common: ,, 6	1
Gimlets: spike: ⅜-inch	6
Gimlets: spike: ¼ ,,	6
Gouges, handled: firmer: 1-inch	3
Gouges, handled: firmer: ¾ ,,	3
Gouges, handled: firmer: ½ ,,	3
Gouges, handled: pecking, 1-inch	2
Hammers: claw: 28-oz.	2
Hammers: claw: 20 ,,	1
Hammers: riveting: 24-oz.	1
Hammers: riveting: 8 ,,	2
Lines, carpenters'	3
Mallets, carpenters'	3
Pencils, carpenters'	9
Pincers, carpenters' pairs	3
Planes: bead	2
Planes: hollows and rounds pairs	2
Planes: jack, double iron	3
Planes: phillister, sash	2
Planes: plough	1
Planes: smoothing, G.S.	3
Planes: trying	2
Pliers: flat nose pairs	2
Pliers: side cutting, 7-inch ,,	1
Pots, glue, 1-quart	1
Punches, carpenters': large	3
Punches, carpenters': small	3
Rasps, coarse: flat, 12-inch	2
Rasps, coarse: half-round, 12-inch	1

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Chest, Tool, Filled, No. 3B (Carpenter's, Regimental)—*continued.*

Articles.	No.
Reels, carpenters' line	3
Rules, carpenters', common	3
Saws { dovetail, brass back	2
Saws { frame, 15-inch	3
Saws { hand, 26-inch	3
Saws { keyhole	3
Saws { tenon, 14-inch	3
Sets, saw, hand	3
Shaves, spoke { 4-inch	2
Shaves, spoke { 3½-inch	2
Spanners, McMahon, 15-inch	2
Squares, carpenters' { 12-inch	3
Squares, carpenters' { 9 ,, ...	3
Stones, oil, carpenters'	3
Woolwich Section, 11.	
Chalk, white .... lb.	¾
Woolwich Section, 25.	
Brushes, paint, sash tool, No. 6	2
The undermentioned is not carried in the Chest, and will be separately demanded, charged, and accounted for :—	
Woolwich Section, 7.	
Grindstone, F. S., 18-inch	1

CHEST, TOOL, FILLED, No. 6B.
(Cooper's, Regimental.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 6	1
Adzes, coopers', notching	1
Chisels, hand, cold, 1-inch × 8½ inches	1
Compasses, wing, 12-inch .... pairs	1
Drivers, coopers', kneed	1
Froes (with handle)	1
Hammers { coopers', hand, 3½-lbs.	1
Hammers { riveting, 8-oz.	1
Howels, barrel	1
Jointers, F. S.	1

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Chest, Tool, Filled, No. 6B (Cooper's, Regimental)—*continued.*

Articles.	No.
Knives { drawing, coopers	1
Knives { hollowing	1
Pincers, carpenters' .... pairs	1
Planes, jack, double iron	1
Punches, coopers', large	1
Rules, coopers'	1
Saws, hand, 26-inch	1
Shaves, coopers', inside, cask	1
Stocks, coopers'	1
Stones, oil, carpenters'	1

CHEST, TOOL, FILLED, No. 12D.

(Plumber's, Painter's, and Glazier's, Regimental.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 12	1
Bosses, plumbers' { 5-inch	1
Bosses, plumbers' { 3 ,, ...	1
Bosses, plumbers' { 1½ ,, ...	1
Cans, paint { 7½ inches diameter	1
Cans, paint { 7 ,, ,, ...	1
Chisels, smiths', cold....	1
Compasses, wing, 10-inch .... pairs	1
Diamonds, glaziers'	1
Dressers, plumbers'	1
Hammers { glaziers'	1
Hammers { plumbers', 3-lbs.	1
Hooks, shave, 1½-inch	1
Irons, soldering, plumbers' { 4-lbs.	1
Irons, soldering, plumbers' { 1¾ ,, ...	1
Knives, { cutting	1
Knives, { hacking	1
Knives, { palette, 9-inch	1
Knives, { stopping	1
Ladles, melting, 1-pint	1
Mallets, plumbers'	1
Pipes, blow, 12-inch	1
Pliers { gas, 6-inch.... .... pairs	1
Pliers { round-nose .... ,,	1

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Chest, Tool, Filled, No. 12D (Plumber's, Painter's, &c.)—*cont.*

Articles.	No.
Pots, melting	1
Rules, glaziers' { 2-ft.	1
Rules, glaziers' { T, 2-ft. 6-in.	1
Squares, smiths', iron	1
Tongs, gas fitters' { 2-inch .... pairs	1
Tongs, gas fitters' { 1½ ,, ... ,,	1
Tongs, gas fitters' { 1 ,, ... ,,	1
Tongs, gas fitters' { ¾ ,, ... ,,	1
Tongs, gas fitters' { ½ ,, ... ,,	1
Woolwich Section, 11.	
Bottles, tin, oil, with screw top, 2 quarts	3
Woolwich Section, 25	
Brushes, paint { ground, 000	3
Brushes, paint { sash tool { No. 2	1
Brushes, paint { sash tool { ,, 4	1
Brushes, paint { sash tool { ,, 6	1

CHEST, TOOL, FILLED, No. 11D.
(Smith's, Regimental.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 11	1
Bags, tool, farriers'	1
Aprons, basil, white	2
Braces, smiths' {	1
Braces, smiths' { bits { countersink { flat	1
Braces, smiths' { bits { countersink { rose	1
Braces, smiths' { bits { rimer { half-round	1
Braces, smiths' { bits { rimer { square	1
Callipers, 10-inch .... pairs	1
Chisels { farriers', handled	2
Chisels { smiths', cold	4
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G.S. { 14-inch	1
Drivers, screw, G.S. { 6 ,, ...	1
Files, bastard { flat { 14-inch	1
Files, bastard { flat { 10 ,, ...	1
Files, bastard { flat { 8 ,, ...	1
Files, bastard { half-round { 14 ,, ...	1
Files, bastard { half-round { 10 ,, ...	1

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Chest, Tool, Filled, No. 11D (Smith's, Regimental)—*continued.*

Articles.	No.
Files, bastard — round — 12-inch	1
Files, bastard — round — 8 ,,	1
Files, bastard — rubbers, ½-thick, 16-inch	1
Files, bastard — square — 10-inch	1
Files, bastard — square — 8 ,,	1
Files, bastard — three-square — 12 ,,	1
Files, bastard — three-square — 7 ,,	1
Files, bastard — warding — 5 ,,	2
Files, bastard — warding — cut on one side, 3½-inch	2
Hammers — farriers' — pointing	1
Hammers — farriers' — shoeing	1
Hammers — farriers' — sledge, 9½-lbs.	2
Hammers — smiths', hand, 3-lbs.	2
Handles, file, middling	16
Knives — drawing, farriers'	1
Knives — searching ,,	1
Pincers, farriers' — pairs	1
Pliers, flat nose — ,,	1
Pokers, smiths'	1
Punches, smiths' — cold	3
Punches, smiths' — hot — ⅝-inch	1
Punches, smiths' — hot — ½ ,,	1
Punches, smiths' — hot — ⅜ ,,	1
Rasps, farriers', 16-inch	1
Saws, cutting metal, 10-inch	1
Slices, farriers'	1
Spanners, McMahon, 15-inch	1
Stakes, farriers'	2
Stamps, farriers', handled	1
Tongs — farriers', turning, small — pairs	1
Tongs — smiths', forge — large — ,,	1
Tongs — smiths', forge — small — ,,	1
Tools, bow, drilling — bows, smiths'	1
Tools, bow, drilling — boxes	1
Tools, bow, drilling — breast-plates, smiths'	1
Tools, bow, drilling — drills — sets	2
Tools, bow, drilling — stocks	1
Tools, bow, drilling — strings, smiths' — knots	1
Vices, hand, 16-oz.	1

N.B.—Anvils, bellows, and standing vices, being fixtures, are a part of the building.

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CHEST, TOOL, FILLED, No. 12c.

(Whitesmith's or Tinman's, Regimental.)

Articles.	No.
Woolwich Section, 7.	
Chests, tool, empty, No. 12	1
Awls, scoring	1
Chisels, tinman's { 1-inch	1
Chisels, tinman's { ¼ ,, ...	1
Compasses, common, 7-inch .... pairs	1
Files, bastard, flat, 12-inch	2
Groovers	1
Hammers, tinman's { creasing, 10-oz.	1
Hammers, tinman's { riveting, 16-oz.	1
Hooks, shave, 1½-inch	1
Irons { creasing, 11-lbs.	1
Irons { soldering, tinman's	2
Knives, laboratory	1
Mallets, tinman's	1
Pots, fire, tinman's	1
Rasps, fine, half-round, 12-inch	1
Shears, tinman's, stock .... pairs	1
Squares, smith's, iron	1

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APPENDIX VI.

(*Referred to in paragraph* 218.)

CAMP EQUIPMENT.

Proportions for all Services. Standing Camps.

TABLE 1.	Proportion.
Woolwich Section, 2.	
Axes { felling, curved helve; hand ....; pick { heads, 6½ lbs.; helves, 34½ ins. }	10 per regiment of cavalry and battalion of infantry, 4 per staff or other unit.
Bags, letter, field	1 per office of staff units.
Bars, crow	4 per regiment of cavalry and battalion of infantry, 1 per staff or other unit.
Barrows, wheel, intrenching	8 per regiment of cavalry, 3 per other mounted unit.
Boxes, stationery, field	1 per office (for staff units only).
Brooms, birch	12 per regiment of cavalry, or battalion of infantry, 6 per staff or other unit.
Buckets*	1 per 4 horses or less, and 1 per tent (except office tents).
Chairs, camp	1 per G.O.C.
Cords, forage	1 per 8 mounted N.C.O. and men or less.
Covers, saddle	1 per set of saddlery or single set of harness, 2 per double set of harness.
Flags, distinguishing	As required.
Hooks, bill	10 per regiment of cavalry, 20 per battalion of infantry, 4 per other unit.
Kettles, camp, oval	1 per 8 N.C.O. and men.
Lamps, candle	1 per office tent (staff units only).
Lanterns, tent { folding	20 per regiment of cavalry, 4 per battalion of infantry, 2 per staff, 2 per other mounted unit, and 1 per other dismounted unit.
Lanterns, tent { distinguishing	As required.
Mallets, heel peg	1 per 3 officers' horses, 1 per 8 other horses.
Mauls, common, helved	4 per squadron of cavalry or other mounted unit, 1 per battalion of infantry.

* Pails, iron, galvanised, 3 or 4 gallons, may be issued in lieu.

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Camp Equipment—*continued.*

	Table 1—*continued.*	Proportion.
	Nets, hay	1 per horse, if specially required.
	Ovens, Aldershot pattern....	2 per regiment of cavalry, or battalion of infantry, and 1 per other unit. (To be issued only where the same troops are under canvas for a consecutive period of more than 28 days.)
54 Gen. No. 8029	**Pads,** surcingle	1 per horse (public property) when not issued as equipment.
	Pegs, picketing	1 per horse, plus 15 per cent. spare.
	Posts, picket, 2½ feet	6 per 80 ft. picketing rope.
57 Gen. No. 1618	**Ropes** head, hemp, with ring	1 per horse.
	Ropes heel, Mark IV.	85 per cent. of the number of horses, and 5 per cent. spare.
	Ropes heel, double shackle*	15 per cent. of the number of horses.
	Ropes picketing, 80 ft.	1 per 10 horses.
	Racks, arm, tent	1 per N.C.O. and men's tent, except that horse, field, and mountain batteries, R.A., will draw 1 per sub-division and 1 per guard tent only.
	Rugs, horse large	1 per public service horse of household and heavy cavalry, R.E., R.A., A.S. Corps, and Military Mounted Police; and for other units in the proportion of 10 per cent. number of horses.
	Rugs, horse small	For 90 per cent. of public service horses of units not in possession of full proportion of large rugs.
	Screens, latrine†	4 per regiment of cavalry, 6 per battalion of infantry, 2 or 3 per staff or other unit as considered necessary.
	Sheets, ground, waterproof ‡	8 per tent, or 1 for each man in tents occupied by a less number than 8.
‡10443 L. of C.	**Shovels,** G.S.	10 of each per regiment of cavalry or battalion of infantry, 5 per other mounted unit, 3 per other dismounted unit.
	Spades, N.P.	
	Stools, camp	1 per office tent (staff units only).
	Stoves, Soyer's	4 per regiment of cavalry or battalion of infantry and 1 per other unit. *To be issued only when coal is the fuel used.*

* When the store of these is exhausted, "ropes, heel, Mark IV" will be issued in the proportion of 1 per horse and 20 per cent. additional.

† 1 extra service may be issued for bathing places if considered desirable.

‡ When tent bottoms are not supplied.

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Camp Equipment—*continued.*

Table 1—*continued.*	Proportion.	
Surcingles, web	1 per public service horse if required.	54 Gen. No. 8029
Tables, camp	1 per general officer.	
Tents — circular, double, linen	1 per general officer.	
Tents — complete, circular, single, linen	1 per field officer, 1 per 2 other officers, 1 per 12 N.C.O. and men, dismounted, 1 per 10 N.C.O. and men, mounted units, 30 miscellaneous per regiment, and 1 per two squadrons for squadron serjeant-major and squadron quartermaster-serjeant for cavalry, 12 miscellaneous for other mounted units, 16 miscellaneous per battalion of infantry, and 5 for other dismounted units. For staff, 1 per officer, 1 per two servants, 1 per staff office, and 3 miscellaneous.	
Tents — marquee, hospital....	1 for recreation room per regiment of cavalry or battalion of infantry. 1 per staff unit, 3 per 2 other units if number of members of officers' mess does not exceed 12.	61061 4608
Tents — store	1 per serjeants' mess per regiment of cavalry, or battalion of infantry.	57 Gen. No. 1622
Tubs, washing, 3½ gals.	1 per staff serjeants tent and 2 per tent for other N.C.O. and men.	
Wedges, sawyers*	6 per regiment of cavalry or battalion of infantry, 4 per staff or other unit.	
Woolwich Section, 3.		
Stretchers, regimental	1 per unit (except staff).	
Woolwich Section, 4.		
Carts — ammunition, small arm	1 per regiment of cavalry or battalion of infantry if required.	
Carts — water	As required—unless water is laid on to the cooking places on the camp ground when 1 per regiment of cavalry, 2 per battalion of infantry, 1 per staff or other unit only will be supplied.	
Woolwich Section, 10.		
Hammers, platelayers' sledge, 13 lbs.*	6 per regiment of cavalry or battalion of infantry, 2 per staff, 4 per other unit.	

* Supplied only when wood that requires splitting is issued.

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Camp Equipment—*continued.*

Table 1—*continued.*	Proportion.
Woolwich Section, 25.	
Chairs, officers'	3 per unit (except staff) for orderly rooms and quartermaster's stores.
Woolwich Section, 26.	
Butchery implements	1 set per staff or other unit (*see* Table 3).
Scales, weighing, beam, iron, with triangles, and sets of weights, 5 cwt.	1 per camp.
Stones, rag, or rub	6 per regiment of cavalry or battalion of infantry, 2 per staff or other unit.
Tables, soldiers { 4 feet.... ...	1 for each staff office.
Tables, soldiers { 6 ,, ...	3 per unit (except staff) for orderly room and quartermaster's stores.
Woolwich Section, 27.	
Blankets, G.S.	2 per W.O., N.C.O. and man.
Forges, packsaddle†	2 per regiment of cavalry and 1 per other mounted unit unprovided with forge in peace equipment.

N.B.—Mounted infantry battalions draw on the same scale as regiments of cavalry.

† If, in the opinion of the Officer Commanding, the forge work of the unit is too heavy to be satisfactorily carried out with packsaddle forges, a forge cart or forge wagon (as may be available) will be issued in lieu.

Scale for Officers' Mess (if number of members exceed 12). Standing Camps only.

	Proportion.
Woolwich Section, 2.	
Stoves, Soyer's	2
Tents { circular, single linen ...	2
Tents { marquee, hospital ...	1 per mess.
Tents { ridge pole	1
Tents { store	1
Woolwich Section, 25.	
Cans, soup	3 per mess.
Chairs, officers'	1 per officer and 6 per mess.
Dishes, meat, tin, 17½-inch ...	6 per mess.
Woolwich Section, 26.	
Tables, soldiers' { 6-feet	1 to 4 officers and 2 spare per mess.
Tables, soldiers' { 4 ,, ...	4
Tubs, washing, 8 gallons	4 per mess.

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BUTCHERY IMPLEMENTS.

TABLE 2.	No. per Set.	General Proportions.
Woolwich Section, 26.		
IMPLEMENTS, BUTCHERS.		
Balances, spring, 4 lbs.	1	1 set per staff, and 1 set per mounted and dismounted unit.
Cases, wood	1	
Choppers, meat	1	
Hooks, butchers', dressing, 9-in.	6	
Knives, butchers' { cutting	1	
Knives, butchers' { flaying, large	1	
Saws, tenon, 14-in.	1	
Sheets, ground, unserviceable*	1	
Steel, butchers'	1	
Steelyards, 56 lbs.	1	

* To place the cut up meat upon. A chopping block, if required, must be improvised.

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SCALE OF CAMP EQUIP

TABLE 3.	All Units.	Staff Units.	Cavalry and Mounted Infantry.*	Royal Artillery.
61061/4135 *Woolwich Section*, 2.				
Axes, felling, curved helve	... ...	2 per A.C. Staff 1 per other unit	1 per hd. qrs.; 1 per squadron	2 per unit...
Axes, hand ...	... ...	2 per A.C. Staff 1 per other unit	1 per hd. qrs.; 1 per squadron	Nil... ...
Axes, pick, helved ..	... ...	2 per A.C. Staff 1 per other unit	1 per hd. qrs.; 1 per squadron	2 per unit...
Bags, letter, field ...	... ..	Army Corps, 2. 1 per other unit.		
Boxes, stationery (*a*)	... ...	Army Corps, 4 Infantry Div., 2 1 per other unit	1 per unit ...	1 per unit...
Chairs, camp... ...	... ...	1 per General Officer		
Covers, saddle ...	1 per horse.			
Flags, distinguishing (*b*)— poles, 16-ft. ... ... cross bars ... pairs	... ...	... ...	... ...	... ...
Kettles, camp, oval, 12 qts.	1 per 8 W.O.'s, N.C.O.'s and men, with 50 per cent. additional, if specially ordered (*c*)	... ...	... ...	... ...
Lanterns, tent, folding	... ...	Army Corps, 3 Infantry Div., 2 Other units, 1	3 per hd. qrs.; 3 per squadron	2 per unit...
Lamps, candle ...	... ...	1 per office (staff units only)		
Lanterns, tent, distinguishing (*d*)	... ...	... ...	... ...	... ...
Mallets, heel peg ...	1 per 8 horses or less (*e*)	... ...	... ...	... ...
Mauls	... ...	Army Corps, 2 Infantry Div., 1	4 per hd. qrs.; 4 per squadron	1 per unit...

* A company of mounted infantry will draw

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MENT FOR MANŒUVRES.

Royal Engineers.	Infantry.	Army Service Corps.	Royal Army Medical Corps.	Remarks.
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	1 per hd. qrs.; 1 per 2 companies	2 per unit ...	2 per unit.	
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	1 per hd. qrs.; 1 per 2 companies	Nil	2 per unit.	
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	1 per hd. qrs.; 1 per 2 companies	2 per unit ..	2 per unit.	
1 per unit ...	1 per unit ...	1 per unit ...	1 per unit ...	(*a*) Exclusive of contents, which will be provided by the units concerned.
... ...	... ...	... ...	... ...	(*b*) As required. *See* Regulations for Encampment, pages 79 and 80.
... ...	... ...	... ...	... ...	(*c*) Required if cooks are sent on over night to next camping ground.
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	2 per unit ...	2 per unit ...	2 per unit.	
... ...	... ...	... ...	... ...	(*d*) As required. *See* Regulations for Encampments, pages 79 and 80.
... ...	... ...	... ...	... ...	(*e*) Officers horses not picketed with public horses to be calculated separately.
1 per unit ...	1 per unit ...	1 per unit.		

equipment as a squadron of cavalry.

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Camp Equipment

	TABLE 3—*cont.*	All Units.	Staff Units.	Cavalry and Mounted Infantry.	Royal Artillery.
61061 / 4135	*Woolwich Section*, 2 —*cont.*				
	Nets, forage, pairs ...	1 per horse (*f*)	... ...	... ...	... ...
	Pads, surcingle ...	1 per public horse.	... ...	... ...	... ...
	Pegs, picketing ...	2 per horse and 15 per cent. spare.	... ...	... ...	... ...
	Ropes, head, hemp, with ring	1 per horse and 10 per cent. spare.	... ...	... ...	... ...
54 / Gen. No. / 7977	**Ropes**, heel, Mk. IV..	1 per horse and 15 per cent. spare, for use with unruly horses, &c.	... ...	... ...	... ...
	Ropes, picketing, 4 ft. 9 in.	1 per horse.	... ...	... ...	... ...
	Racks, arm, tent ...	1 per N.C.O. and men's tent, except R.A. and medical units.	... ...	... ...	... ...
	Screens, latrine ...	1 per 100 N.C.O.'s and men or less	... ...	... ...	... ...
	Sheets, ground ...	8 per N.C.O.'s and men's tent, 1 per man when less than 8 in a tent.	... ...	... ...	... ...
10443 / L. of C.	**Shovels**, G.S.	... ...	Army Corps, 2 Other units, 1	2 per hd. qrs.; 2 per squadron	1 per unit...
	Spades, N.P.	... ...	Army Corps, 2 Other units, 1	2 per hd. qrs.; 2 per squadron	1 per unit...
	Stools, camp	... ...	1 per officer ...	1 per hd. qr. office	... ...
	Surcingles, web (*i*)...	1 per horse blanket	... ...	... ...	... ...
	Tables, camp, folding	... ...	1 per G.O.C. (personal use) 1 per office tent (excluding marquee)	1 per hd. qr. office	... ...

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for Manœuvres—*continued.*

Royal Engineers.	Infantry.	Army Service Corps.	Royal Army Medical Corps.	Remarks.
... ...	... ...	... ...	... ...	(*f*) Only if specially ordered.
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	1 per hd. qrs.; 1 per 2 companies	2 per unit ...	2 per unit.	
1 per ½ Tel. Div. 1 per balloon section 2 per other unit	1 per hd. qrs.; 1 per 2 companies	2 per unit ...	2 per unit.	
... ...	1 per hd. qr. office.	... ...	... ...	
... ...	... ...	... ...	... ...	(*i*) Not required with Mark II blankets.
... ...	1 per hd. qr. office.	... ...	... ...	

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Camp Equipment

	TABLE 3—*cont.*	All Units.	Staff Units.	Cavalry and Mounted Infantry.	Royal Artillery.
61061 / 4135	*Woolwich Section, 2—continued.*				
	Tents, C.D.L. ..	... ...	2 per Army Corps for A. A. G.'s office marquee.	... ...	... ...
	Tables, portable, F.S., 6 ft.	... ...	1 per General Officer.	... ...	... ...
	Tents, C.S.L.	(*k*)	(*l*)	1 per C.O. regiment; 1 per M.O., if any (to be used also as inspection tent; 1 per 3 other officers; 2 for guard per regiment (1 for guard per detached squadron); 1 for office per regiment; 1 per 12 W.O.'s, N.C.O.'s, and men	1 per 3 officers; 1 per 12 other ranks
	Tents, marquee, H.P.	... ...	1 per Army Corps for A. A. G.'s office.	... ...	... ...
	Wedges, sawyers' ...	... ...	2 per unit ...	2 per regiment; 2 per detached squadron	2 per unit
	Woolwich Section, 4.				
	Carts, S.A.	... ...	... ...	1 per regiment; 1 per company mounted infantry	... ...
	Carts, water (*m*) ...	... ...	A.C. staff, Div. staff, Brig. staff } 1 each	2 per regiment; 1 per detached squadron	1 per unit...
	Woolwich Section, 5.				
	Bags, nose, G.S. ...	1 per officer's horse.	... ...	... ...	... ...

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for Manœuvres—*continued.*

Royal Engineers.	Infantry.	Army Service Corps.	Royal Army Medical Corps.	Remarks.
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
1 per 3 officers; 1 per 12 other ranks	1 per C.O. battalion; 1 per M.O, if any (to be used also as an inspection tent); 1 per 3 other officers; 1 for guard per battalion; 1 for office per battalion; 1 per 12 W.O.'s, N.C.O.'s, and men	1 per 3 officers; 1 per 12 other ranks	1 per 3 officers; 1 per 12 other ranks	(*k*) Tents to be calculated separately for headquarters, squadrons, batteries, companies, &c.; any fraction of 12 to count as 12. A W.O. to count as 3 men; other N.C.O.'s above the rank of corporal to count as 2 men. If cooks are sent on overnight to next camping ground, extra tents should be allowed for their use. (*l*) As for war, with mess tents added. A marquee (outer roof and flies only) will, for manœuvres, be substituted for the 2-bell tents allowed on War Scale for the A.A.G.'s and the D.A A.G.'s of an Army Corps Staff.
... ...	... ...	... ...	... ...	
2 per unit ...	4 per unit ...	2 per unit ...	2 per unit.	
... ...	1 per unit.	... ...	... ...	
1 per unit ...	2 per unit ...	1 per unit ...	1 per unit ...	(*m*) Carts, water tank, if available; if insufficient available, infantry units should be supplied as far as possible, barrels being issued to mounted units.
... ...	... ...	... ...	... ...	

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Camp Equipment

TABLE 3—*cont.*	All Units.	Staff Units.	Cavalry and Mounted Infantry.	Royal Artillery.
Woolwich Section, 6.				
61061/4135 **Blankets**, saddle ...	1 per public horse.	... ...	... ...	... ...
Woolwich Section, 7.				
Cutters, wire... ...	... ...	... ...	2 per squadron	2 per battery
Forges, packsaddle ...	... ...	1 per Brigade Div. Staff, R.A.	... ...	1 per detached battery
Woolwich Section, 10.				
Hammers, plate-layers' sledge, 13 lbs,	... ...	1 per unit ...	2 per regiment, 1 per detached squadron	1 per unit ...
Woolwich Section, 25.				
Brooms, bass... ...	... ...	1 per 25 horses or less	1 per 25 horses	1 per 25 horses
Blankets, G.S. ...	1* per W.O., N.C.O., and man.	... ...	... ...	... ...
Woolwich Section, 26.				
Butchery, implements, sets	1 per unit.	... ...	... ...	... ...
Pails, I.G.	2 per N.C.O. and men's tent.	... ...	... ...	... ...

* A second blanket per man will be stored in ordnance depôts

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for Manœuvres—*continued.*

Royal Engineers.	Infantry.	Army Service Corps.	Royal Army Medical Corps.	Remarks.
... ...	... ...	... ...	... ...	
... ...	2 per battalion.	... ...	... ...	
... ...	... ...	1 per unit ...	1 per unit.	
1 per unit ...	2 per battalion	1 per unit.		
1 per 25 horses	1 per head qrs.; 1 per company	1 per 25 horses	2 per unit.	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	
... ...	... ...	... ...	... ...	

in the manœuvre area, ready for issue if specially ordered.

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TABLE 3—*continued.*

SCALE OF EQUIPMENT FOR MESSES ON MANŒUVRES.

I.—Large Mess.

	Woolwich Section, 2.	No.
Tents	marquee, hospital... ... ... (If more than 24 officers an additional marquee may be drawn.)	1
	circular, single linen	1
Screens, latrine		1
Tables, portable, F.S., 6-ft....		1 per 6 officers and 2 spare.
Lanterns, tent, folding		4
Lamps, candle...		1 per 6 officers.
Spades		1

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II.—Small Mess.

	Woolwich Section, 2.	No.
Tents, circular, single linen		1
Lanterns, tent, folding		1
Lamps, candle...		1
Tables, portable, F.S., 6-ft.		1

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Camp Equipment—*continued.*

TABLE 3—*continued.*

SCALE OF EQUIPMENT FOR REGIMENTAL INSTITUTES ON MANŒUVRES.

I.—Full Canteen.

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Woolwich Section, 2.	No.
Tents, marquee, hospital, without lining	1
Lanterns, tent, folding	3
Tables, portable, F.S., 6-feet	2
Machines, weighing 28 lb.	1
Woolwich Section, 26.	
Pails, I.G.	2
Weights brass ½ oz.	1
Weights brass 1 oz.	1
Weights iron ring ¼ lb.	1
Weights iron ring ½ ,,	1
Weights iron ring 1 ,,	1
Weights iron ring 2 ,,	1

II.—Half Canteen.

Woolwich Section, 2.	No.
Tents, ridge, pole	1
Lanterns, tent, folding	2
Tables, portable, F.S., 6-ft.	1
Machines, weighing, 28 lbs.	1
Woolwich Section, 26.	
Pails, I.G.	1
Weights brass ½ oz.	1
Weights brass 1 ,,	1
Weights iron ring ¼ lb.	1
Weights iron ring 1 ,,	1
Weights iron ring 2 ,,	1

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SCALE OF TENTS.—(Active Service).

For field army units at special establishment, exclusive of staff units and of regimental units on the lines of communication.

TABLE 4.

Unit.	Field officer commanding unit.	Medical officer (for medical purposes).	Other officers.	W.O., Staff-serjeants, Serjeants, and rank and file.	Office.	Guard.	Total.	Remarks.
Cavalry regiment, headquarters	1	1	2	4	1	1	10	52 per unit.
Cavalry regiment, squadron	..	..	2	12	..	..	14	
Regimental Staff, corps artillery..	1	..	1*	1	..	..	3	
Brigade division staff, horse artillery	1	1	1	2	1	1	7	
Brigade division staff, field artillery, 15-pr. ..	1	1	1	2	1	1	7	
Brigade division staff, field artillery, 5-in. howitzer	1	1	1	2	1	1	7	
Battery, horse artillery, with cavalry brigade ..	..	1	2	13	..	..	16	
Battery, horse artillery, in brigade division ..	..	..	2	13	..	..	15	
Battery, field artillery, 15-pr.	..	..	2	12	..	..	14	
Battery, field artillery, 5-in. howitzer	..	..	2	14	..	..	16	
Battery, mountain	..	..	2	13	..	..	15	
Ammunition column, corps troops	..	..	2	18	..	1	21	
Ammunition column, infantry divisional	..	..	2	15	..	1	18	
Ammunition column, cavalry brigade	..	..	2	8	..	1	11	
Ammunition column, field artillery, 5-in. howitzer ..	..	..	2	15	..	1	18	
Ammunition park, staff	1	1	1	1	1	..	5	
Ammunition park, section	..	..	2	16	..	1	19	
Regimental staff, corps, Engineers	1	..	1*	1	..	1	4	
Regimental staff, divisional Engineers ..	..	..	1	1	..	..	2	
Field troop R.E.	..	..	2	9	..	..	11	
Pontoon troop	..	1	2	15	..	..	18	

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Telegraph division, headquarters	..	..	..	..	1	2	1	..	4	24 per unit.
Telegraph division, section	..	..	..	..	1	4	..	..	5	
Field company	..	..	..	1	2	15	..	..	18	
Fortress company	..	..	..	..	2	9	..	..	11	
Railway company	..	..	..	..	2	11	..	..	13	
Balloon section	..	..	..	..	1	4	..	..	5	
Field park	..	..	..	..	1	4	..	..	5	
Mounted infantry, headquarters	..	..	..	..	1	2	..	1	4	28 per unit.
Mounted infantry, company	..	..	..	..	2	10	..	..	12	
Infantry battalion, headquarters	..	..	1	1	1	8	1	1	13	85 per unit.
Infantry battalion, company	..	..	..	..	1	8	..	..	9	
Mounted company of signallers	..	..	..	..	1	3	..	..	4	
Dismounted company of signallers	..	..	..	..	1	3	..	..	4	
Supply Column, corps troops, supply wagon detachment	..	..	..	..	1*	6	..	..	16	
Supply Column, corps troops, headquarters and other details	..	..	..	1	2	6	..	..		
Supply Column, infantry divisional, supply wagon detachment	..	..	..	..	1*	3	..	..	12	
Supply Column, infantry divisional, headquarters and other details	..	..	..	1	2	5	..	..		
Supply Column, infantry brigade, supply wagon detachment	..	..	..	..	1*	4	..	..	13	
Supply Column, infantry brigade, headquarters and other details	..	..	..	..	2	6	..	..		
Supply Column, cavalry brigade, supply wagon detachment	..	..	..	..	1*	5	..	..	13	
Supply Column, cavalry brigade, headquarters and other details	..	..	..	..	2	5	..	..		
Field bakery, headquarters	..	..	..	1	1	3	..	..	†	† And 1 officer's tent to every 4 sections; total 31 tents per unit. This total excludes tents and marquees which form part of the normal equipment of a field bakery.
Field bakery, section	..	..	..	..	..	3	..	..		
Supply park, headquarters	..	..	..	1	1	2	1	..	5	47 per unit.
Supply park, section	..	..	..	..	1	13	..	..	14	
Bearer company	..	..	..	..	1	8	..	..	9	
Field hospital	..	..	..	..	2	6	..	..	8‡	‡ And 30 for sick and wounded.

And for office.

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APPENDIX VII.

(*Referred to in paragraph* 317.)

TABLES SHOWING THE MATERIAL, TIME, AND WORKING PAY, ALLOWED FOR PAINTING MISCELLANEOUS CARTS, WAGONS, &c.

N.B.—For Carts, Wagons, &c., special to the Royal Artillery, see Artillery Special Instructions and Details, Part 2.

TABLE A.

Quantity of Material required for repairing bare places and painting one coat, for the following Carts, Wagons, &c.

Description.	Paint prepared, Lead Colour.		Khaki Colour.		Stone Colour.		Red.		Putty.		Remarks.
	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.	
Woolwich Section, 2.											
Mauls, common (*or* iron-hooped)...	...	...	1	0	—	—	—	—	—	—	For Heads only, per dozen, one coat.
Posts, picket, $2\frac{1}{2}$ feet	...	...	0	2	—	—	—	—	—	—	
Woolwich Section, 3.											
Carts, ambulance, G.S.	8	8	—	—	—	—	—	—	1	0	
Woolwich Section, 4.											
Carts ... ... ammunition, small-arm	—	—	9	8	—	—	—	—	1	2	
Carts ... ... chaise	—	—	8	8	—	—	—	—	1	0	
Carts ... ... coal...	—	—	13	4	—	—	—	—	1	2	
Carts ... ... forage	—	—	9	8	—	—	—	—	1	2	
Carts ... ... forge	—	—	9	8	—	—	—	—	1	2	
Carts ... ... Gibraltar large	—	—	12	0	—	—	—	—	1	8	
Carts ... ... Gibraltar small	—	—	9	0	—	—	—	—	1	2	
Carts ... ... hand, common Mark I.	—	—	6	4	—	—	—	—	0	10	
Carts ... ... hand, common ,, II.	—	—	6	0	—	—	—	—	0	8	

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Carts	low, projectile ...	—	—	6	0	—	—	—	—	0	10
	Maltese ...	—	—	6	4	—	—	—	—	0	10
	shot	—	—	12	0	—	—	—	—	1	8
	sling	—	—	9	8	—	—	—	—	1	2
	tip, general service	—	—	9	8	—	—	—	—	1	2
	transport { spring / tip	—	—	10	0	—	—	—	—	1	2
	trench	—	—	—	—	—	—	3	12	0	12
	water	—	—	9	8	—	—	—	—	1	2
	watering { barrel / box	—	—	14	4	—	—	—	—	1	8
	Woolwich Section, 3.										
Wagons ...	ambulance { equirotal / Mark III, IV, and V	15	8	—	—	—	—	—	—	2	0
	field hospital, store	19	8	—	—	—	—	—	—	2	8
	pharmacy	10	0	—	—	3	0	—	—	1	0
	surgery, spring	15	8	—	—	—	—	—	—	2	0
	Woolwich Section, 4.										
Wagons ...	ammunition, small-arm (with limber)	—	—	13	8	—	—	—	—	1	8
	artillery	—	—	15	0	—	—	—	—	2	0
	bakery / bread and meat	—	—	22	8	—	—	—	—	2	12
	forge { equirotal	—	—	19	12	—	—	—	—	2	4
	forge { lock under	—	—	18	12	—	—	—	—	2	4
	general service { equirotal / (lock under)	—	—	16	0	—	—	—	—	2	0
	general service { Mark V, VI, and VII	—	—	15	8	—	—	—	—	2	0
	heavy, spring	—	—	16	0	—	—	—	—	2	0
	office	—	—	15	4	8	0	—	—	2	12
	siege, equirotal	—	—	19	8	—	—	—	—	2	12
	sling (with limber) { 12 tons	—	—	13	8	—	—	—	—	2	4
	sling (with limber) { 7 ,,	—	—	8	8	—	—	—	—	—	12
	sling (with limber) { 6 ,,	—	—	15	0	—	—	—	—	2	0
	Woolwich Section, 10.										
Jacks, lifting, general service ...		—	—	0	4	—	—	—	—	—	—

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TABLE A—*continued.*

Description.	Paint prepared, Lead Colour. lbs	Lead Colour. ozs.	Khaki Colour. lbs.	Khaki Colour. ozs.	Stone Colour. lbs	Stone Colour. ozs.	Red. lbs.	Red. ozs.	Putty. lbs.	Putty. ozs.	Remarks.
Woolwich Section, 13.											
Carriages, field, machine gun — ·303 Maxim — Cavalry, Marks I and I* ...	—	—	6	8	—	—	—	—	0	8	
·303 Maxim — Infantry — Marks I and I* ...	—	—	3	8	—	—	—	—	0	4	
·303 Maxim — Infantry — Mark II ...	—	—	4	8	—	—	—	—	0	4	
Nordenfelt, 3 barrel (Mark I), also Gardner, 2 barrel — Cavalry ...	—	—	6	4	—	—	—	—	0	8	
Nordenfelt, 3 barrel (Mark I), also Gardner, 2 barrel — Infantry ...	—	—	6	0	—	—	—	—	0	6	
Woolwich Section, 26.											
Barrows — hand — double ...	—	—	1	0	—	—	—	—	0	2	
Barrows — hand — single ...	—	—	0	12	—	—	—	—	0	2	
Barrows — hand — with legs ...	—	—	1	0	—	—	—	—	0	2	
Barrows — stable ...	—	—	1	8	—	—	—	—	0	4	
Woolwich Section, 28.											
Carts — tip, Royal Engineer ...	—	—	9	8	—	—	—	—	1	2	
Carts — tool, double, Royal Engineer ...	—	—	18	0	—	—	—	—	2	8	
Wagons — air line ...	—	—	12	0	—	—	—	—	2	0	
Wagons — cable, Telegraph ...	—	—	18	4	—	—	—	—	2	4	
Wagons — forge, Royal Engineer ...	—	—	18	12	—	—	—	—	2	4	
Wagons — general service, R.E. ...	—	—	16	0	—	—	—	—	2	0	
Wagons — pontoon ...	—	—	12	0	—	—	—	—	2	0	
Wagons — timber, R.E. ...	—	—	6	0	—	—	—	—	1	0	
Pontoons ...	—	—	24	0	—	—	—	—	1	0	

N.B.—Paint, black ... 4 ozs. } For every 12 camp kettles.
Varnish, japan black ... 1½ pints }

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TABLE B.

Time and Working Pay allowed for Scraping, Cleaning, and Painting the following Carts, Wagons, &c.

Description.	Scraping and Cleaning.		Painting.			
			Priming, or first Coat.		Stopping, and second Coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
Woolwich Section, 2.	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
Mauls, common (*or* iron-hooped for Heads only, per dozen, one coat)	—	—	1 45	0 2½	—	—
Posts, picket, 2½ feet	0 10	0 0¼	0 15	0 0¼	0 15	0 0¼
Woolwich Section, 3.						
Carts, ambulance G.S.	6 0	0 6	6 0	0 9	8 0	1 0.
Woolwich Section, 4.						
Carts ... ... ammunition, small-arm						
chaise	5 0	0 5	5 0	0 7½	8 0	1 0
coal						
forage	6 0	0 6	6 0	0 9	9 0	1 1½
forge						
Gibraltar large	5 0	0 5	5 0	0 7½	8 0	1 0
Gibraltar small	4 0	0 4	4 0	0 6	7 0	0 10½
hand, common Mark I.						
hand, common „ II.						
low, projectile	3 0	0 3	3 0	0 4½	4 0	0 6
Maltese						
shot	5 0	0 5	5 0	0 7½	8 0	1 0

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TABLE B—*continued.*

Description.	Scraping and cleaning.		Painting.			
			Priming, or first Coat.		Stopping and second Coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
Woolwich Section, 4—continued.						
Carts ... ... sling... ... ... tip, G.S.	6 0	0 6	5 0	0 7½	6 0	0 9
transport { spring ... ... tip	6 0	0 6	6 0	0 9	9 0	1 1½
trench	3 0	0 3	3 0	0 4½	4 0	0 6
water	6 0	0 6	5 0	0 7½	6 0	0 9
watering { barrel ... ... box	8 30	0 8½	8 30	1 0¾	11 0	1 4½
Woolwich Section, 3.						
Wagons ... ambulance { equirotal ... ... Mark III, IV, and V.	15 0	1 3	15 0	1 10½	18 0	2 3
	13 0	1 1	13 0	1 7½	17 0	2 1½
field hospital, store	16 0	1 4	16 0	2 0	20 30	2 6¾
pharmacy	8 0	0 8	8 0	1 0	10 30	1 3¾
surgery, spring	13 0	1 1	13 0	1 7½	17 0	2 1½
Woolwich Section, 4.						
Wagons ... ammunition, small-arm (with limber)	9 0	0 9	9 0	1 1½	12 0	1 6
bakery ... ... bread and meat	13 0	1 1	13 0	1 7½	17 0	2 1½
forge { equirotal ... ... lock under	16 0	1 4	15 0	1 10½	17 0	2 1½
general service { equirotal ... ... (lock under) ... ... Mark V, VI, and VII.	13 0	1 1	13 0	1 7½	17 0	2 1½

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Wagons ... heavy, spring	13 0	1 1	13 0	1 7½	17 0	2 1½
Wagons ... office	15 0	1 3	16 0	2 0	18 0	2 3
Wagons ... siege, equirotal	13 0	1 1	13 0	1 7½	17 0	2 1½
Wagons ... sling (with limber) 12 tons	12 0	1 0	10 0	1 3	14 0	1 9
Wagons ... sling (with limber) 7 ,,	10 0	0 10	10 0	1 3	12 0	1 6
Wagons ... sling (with limber) 6 ,,	10 0	0 10	8 0	1 0	12 0	1 6
Woolwich Section, 10.						
Jacks, lifting, general service	0 30	0 0½	0 30	0 0¾	0 30	0 0¾
Woolwich Section, 13.						
Carriages, field, machine gun ·303 Maxim (Mark I.) Cavalry, Mark I and I*	5 50	0 5½	6 30	0 9¾	7 30	0 11¼
Carriages, field, machine gun ·303 Maxim (Mark I.) Infantry Mark I and I*	3 0	0 3	3 30	0 5½	4 0	0 6
Carriages, field, machine gun ·303 Maxim (Mark I.) Infantry Mark II	3 30	0 3½	4 30	0 6¾	5 0	0 7½
Carriages, field, machine gun Nordenfelt, 3-barrel (Mark 1.) also Gardner, 2-barrel Cavalry	5 0	0 5	6 0	0 9	7 0	0 10½
Carriages, field, machine gun Nordenfelt, 3-barrel (Mark 1.) also Gardner, 2-barrel Infantry	5 0	0 5	6 0	0 9	7 0	0 10½
Wagons, artillery	13 0	1 1	13 0	1 7½	17 0	2 1½
Woolwich Section, 26.						
Barrows, hand double	1 0	0 1	1 0	0 1½	1 15	0 2
Barrows, hand single	0 45	0 0¾	0 45	0 1	1 0	0 1½
Barrows, hand with legs	1 0	0 1	1 0	0 1½	1 15	0 2
Barrows, stable	1 0	0 1	1 0	0 1½	1 30	0 2¼
Woolwich Section, 28.						
Carts tip, Royal Engineers	6 0	0 6	5 0	0 7½	6 0	0 9
Carts tool, double, Royal Engineers	15 0	1 3	15 0	1 10½	19 0	2 4½
Wagons ... air line	9 0	0 9	9 0	1 1½	12 0	1 6
Wagons ... cable, Telegrapn	15 0	1 3	15 0	1 10½	18 0	2 3
Wagons ... forge, Royal Engineers	16 0	1 4	15 0	1 10½	17 0	2 1½
Wagons ... pontoon	6 0	0 6	6 0	0 9	7 0	0 10½
Wagons ... timber, R.E.	5 0	0 5	5 0	0 7½	6 30	0 9¾
Pontoons...	6 0	0 6	10 0	1 3	11 0	1 4½

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TABLE C.

Quantity of Paint allowed for Marking.

Nature of Marking.			No. of Letters, &c.	Quantity of Paint.*	Remarks.
				ozs.	
Letters or figures	Writing	$1\frac{1}{4}$-in. type	200	$1\frac{1}{4}$	1 pint of turpentine per lb. of paint will be allowed for marking purposes.
		$1\frac{1}{8}$,, ,,	200	1	
		1 ,, ,,	200	1	
		$\frac{7}{8}$,, ,,	200	$\frac{3}{4}$	
		$\frac{3}{4}$,, ,,	200	$\frac{3}{4}$	
		$\frac{5}{8}$,, ,,	200	$\frac{1}{2}$	
		$\frac{1}{2}$,, ,,	200	$\frac{1}{2}$	
		$\frac{3}{8}$,, ,,	200	$\frac{1}{4}$	
		$\frac{1}{4}$,, ,,	200	$\frac{1}{4}$	
	Stencilling	$1\frac{1}{4}$,, ,,	200	$\frac{5}{8}$	
		$1\frac{1}{8}$,, ,,	200	$\frac{1}{2}$	
		1 ,, ,,	200	$\frac{1}{2}$	
		$\frac{7}{8}$,, ,,	200	$\frac{3}{8}$	
		$\frac{3}{4}$,, ,,	200	$\frac{3}{8}$	
		$\frac{5}{8}$,, ,,	200	$\frac{1}{4}$	
		$\frac{1}{2}$,, ,,	200	$\frac{1}{4}$	
		$\frac{3}{8}$,, ,,	200	$\frac{1}{8}$	
		$\frac{1}{4}$,, ,,	200	$\frac{1}{8}$	
Circular spot, 1 inch in diameter			200	3	
Geneva cross		10 in. × 9 in.	10	$2\frac{1}{2}$	These quantities are for white paint, the same quantities are required for Chinese red.
		9 ,, × 8 ,,	10	$2\frac{1}{4}$	
		$7\frac{1}{2}$,, × $5\frac{3}{4}$,,	10	$1\frac{3}{4}$	
		6 ,, × 5 ,,	10	$1\frac{1}{2}$	
Lines, 1 in. × 3 in.			10	$\frac{1}{4}$	

* Less than $\frac{1}{4}$-lb. paint should not be issued.

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APPENDIX VIII.

(*Referred to in paragraph* 330.)

MATERIALS FOR REPAIR AND PRESERVATION OF ARMS.

I. Materials for Repairing Arms.

The following tables contain lists of the various parts of arms supplied to the Regular Army, at public expense, for the use of armourer-serjeants. Items required for repair of the arms of units unprovided with armourer-serjeants, will be demanded and accounted for by the officer whose armourer is detailed to perform the work. The parts of interchangeable arms are, as a rule, issued in a finished state:—

Carbines, Martini-Metford and Martini-Enfield, and Rifles, Martini-Enfield.

TABLE 1.

Description.	Annual proportion for 1,000 Arms.†					
	Carbines, Artillery.					Rifles, Martini-Enfield, Mark I.
	Martini-Metford.		Martini-Enfield.			
	Mark II.	Mark III.	Mark I. and I*.	Mark II. and II*.	Mark III.	
Weedon Section.						
Bands lower, M.L.M. rifle, Mark II	—	—	—	—	—	1
Bands upper, M.E. rifle, Mark I	—	—	—	—	—	1
Blocks breech, M.M.	1	1	1	1	1	—
Blocks ,, M.E. rifle, Mark I	—	—	—	—	—	1
Blocks catch, lever, M.M.	1	1	1	1	1	1
Bolts, stock, M.M.	1	1	1	1	1	1
Caps, nose, M.E. rifle, Mark I	—	—	—	—	—	1
Caps, nose, M.E. carbine, artillery, Mark III ...	1	1	1	1	1	—
Cords, pull-through	2000	2000	2000	2000	2000	2000
Extractors M.M.	1	1	1	1	1	—
Extractors M.E. rifle, Mark I	—	—	—	—	—	1
Guards trigger, M.M.	1	1	1	1	1	1
Guards hand, M.E. rifle, Mark I	—	—	—	—	—	1
Gauze, wire, pieces of	2000	2000	2000	2000	2000	2000
Holders, rod, M.E. rifle, Mark I	—	—	—	—	—	3
Hooks, fore end, M.M.	—	2	2	2	—	2
Indicators, M.M.	10	10	10	10	10	10
Leaves, back sight C.C.M.L.E.	—	—	—	—	5	—
Leaves, back sight C.C., M.L.M., Mark III ...	5	5	5	5	—	—
Leaves, back sight M.L.M. rifle, Mark II ...	—	—	—	—	—	5
Levers, breech, M.M.	1	1	1	1	1	1
Nuts screw band, upper, M.L.M. rifle	—	—	—	—	—	30
Nuts stop, M.M.	2	2	2	2	2	2
Pull-throughs, double‡	—	—	—	—	—	—

† For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

‡ 50 for cavalry and infantry, 20 for other services with two spare cords and gauzes to each.

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Carbines, Martini-Metford and Martini-Enfield, and Rifles, Martini-Enfield—*continued.*

TABLE I—*continued.*

Description.	Annual proportion for 1,000 Arms.† Carbines, Artillery. Martini-Metford. Mark II.	Martini-Metford. Mark III.	Martini-Enfield. Mark I, and I*.	Martini-Enfield. Mark II. and II*.	Martini-Enfield. Mark III.	Rifles, Martini-Enfield, Mark I.
Pins, axis, back sight, M.L.M. rifle	5	5	5	5	5	5
Pins, axis, block, M.M.	3	3	3	3	3	3
Pins, block, catch, lever, M.M.	1	1	1	1	1	1
Pins, extractor, M.M.	1	1	1	1	1	1
Pins, stop band, lower, M.L.M. rifle	—	—	—	—	—	1
Pins, stop band, upper, M.E. rifle, Mark I	—	—	—	—	—	1
Pins, stud, barrel, A.C., M.M., Mark II	1	—	—	—	1	—
Rivets, spring, hand guard, M.L.M. rifle	—	—	—	—	—	10
Screws, band, lower, M.L.M. rifle, Mark II	—	—	—	—	—	5
Screws, band, upper, M.E. rifle, Mark I	—	—	—	—	—	4
Screws, bed, back sight, M.L.M. rifle	5	5	5	5	5	5
Screws, cap, back sight, M.L.M. rifle	5	5	5	5	5	5
Screws, cap, nose, M.L.M. rifle	5	5	5	5	5	—
Screws, cap, ,, M.E. rifle, Mark I	—	—	—	—	—	5
Screws, holder, rod, long, M.E. rifle	—	—	—	—	—	1
Screws, holder, rod, short ,, ,,	—	—	—	—	—	1
Screws, hook, fore-end, M.M.	—	4	4	4	—	4
Screws, keeper, indicator, M.M.	6	6	6	6	6	6
Screws, keeper, stop nut ,,	4	4	4	4	4	4
Screws, plate, butt	10	10	10	10	10	10
Screws, spring, sight, back, M.L.M. rifle	5	5	5	5	5	5
Screws, spring, trigger, M.M.	4	4	4	4	4	4
Screws, swivel, band, A.C., M.M.§	4	4	4	4	4	—
Screws, trigger, M.M.	4	4	4	4	4	4
Slides, back sight, C.C., M.L.M., Mark I	5	5	5	5	5	—
Slides, ,, M.L.M. rifle, Mark II	—	—	—	—	—	5
Springs, sight, back, M.L.M. rifle	3	3	3	3	3	3
Springs, block, catch, lever, M.M.	2	2	2	2	2	2
Springs, hand guard, upper, M.L.M. rifle, Mark II	—	—	—	—	—	2
Springs, main, M.M.	10	10	10	10	10	10
Springs, trigger, M.M.	6	6	6	6	6	6
Stocks, butt, long, M.M.	1	1	1	1	1	1
Stocks, butt, short ,,	—	—	—	—	—	1
Stocks, fore-end, A.C., M.M., Mark II	1	—	—	—	1	—
Stocks, fore-end, ,, ,, III	—	1	1	—	—	—
Stocks, fore-end, A.C.M.E., Mark II and II*¶	—	—	—	1	—	—
Stocks, fore-end, M.E. rifle, Mark I	—	—	—	—	—	1
Stops, stud, barrel, A.C., M.M., Mark II	1	—	—	—	1	—
Strikers, M.M.	15	15	15	15	15	15
Studs, barrel, A.C., M.M., Mark II	1	—	1	—	—	—
Swivels, band, M.M., A.C.‡	5	5	5	5	5	—
Swivels, band, M.L.M. rifle, Mark II‡	—	—	—	—	—	5
Swivels, butt, M.L.M. rifle	5	5	5	5	5	5
Swivels, piling, M.L.M. rifle, Mark II	—	—	—	—	—	20
Triggers, M.M.	3	3	3	3	3	—
Triggers, M.E. rifle	—	—	—	—	—	3
Tumblers, M.M.	3	3	3	3	3	3
Washers, bolt, stock, M.L.M. rifle	2	2	2	2	2	2

† For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps. ‡ Band combined with nose cap.

§ Same as screw, swivel, piling, M.L.M. rifle, Mark II.

¶ This is the only component special to these arms in this table.

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Carbines and Rifles, Magazine Lee-Metford and Magazine Lee-Enfield.

TABLE 2.

Articles.	Annual proportion per 1,000 Arms.§					
	Carbines, Cavalry.		Rifles.			
	M.L.M. Mark I.	M.L.E. Mark I. and I*.	M.L.M. Mark I.*	M.L.M. Mark II.	M.L.M. Mark II.*	M.L.E. Mark I. and I*.
Weedon Section.						
Bands, lower, M.L.M., rifle, Mark I*	—	—	3	—	—	—
Bands, lower, M.L.M., rifle, ,, II	—	—	—	3	3	3
Bands, lower, M.L.M., carbine	3	3	—	—	—	—
Bands, upper, M.L.M., Mark I*	—	—	3	—	—	—
Barleycorns, front sight, M.L.M. rifle, Mark I*	—	—	30	—	—	—
Beads, pointer, dial, sight, M.L.M. rifle, Mark I*	—	—	5	—	—	—
Beads, pointer, dial, sight, M.L.M. rifle, ,, II	—	—	—	5	5	5
Bolts, M.L.M., breech, rifle, Mark I*	—	—	25	—	—	—
Bolts, M.L.M., breech, rifle, ,, II	—	—	—	15	—	—
Bolts, M.L.M., breech, rifle, ,, II*	—	—	—	—	15	15
Bolts, M.L.M., breech, carbine	15	15	—	—	—	—
Bolts, M.L.M., stock	1	1	1	1	1	1
Bottles, oil, M.L.M., stoppers	5	5	5	5	5	5
Bottles, oil, M.L.M., washers	10	10	10	10	10	10
Caps, nose, M.L.M., rifle, Mark I*†	—	—	1	—	—	—
Caps, nose, M.L.M., rifle, ,, II†	—	—	—	1	1	—
Caps, nose, M.L.M., carbine†	1	—	—	—	—	—
Caps, nose, M.L.E., rifle†	—	—	—	—	—	1
Caps, nose, M.L.E., carbine†	—	1	—	—	—	—
Cases, magazine, M.L.M., rifle, Mark I*	—	—	5	—	—	—
Cases, magazine, M.L.M., rifle, ,, II	—	—	—	5	5	5
Cases, magazine, M.L.M., carbine	5	5	—	—	—	—
Catches, M.L.M., magazine, rifle, Mark I*	—	—	5	—	—	—
Catches, M.L.M., magazine, rifle, ,, II	5	5	—	5	5	5
Catches, M.L.M., safety, carbine	10	10	—	—	10	10
Cocking-pieces, M.L.M., rifle, Mark I*	—	—	30	—	—	—
Cocking-pieces, M.L.M., rifle, ,, II	—	—	—	30	—	—
Cocking-pieces, M.L.M., carbine	30	30	—	—	30	30
Collars, screw, front, trigger guard M.L.M.	1	1	1	1	1	1
Cords, pull-through	2,000	2,000	2,000	2,000	2,000	2,000
Covers, M.L.M., bolt, breech, rifle, Mark I*	—	—	5	—	—	—
Covers, M.L.M., bolt, breech, rifle, ,, II	10	10	—	10	10	10
Covers, M.L.M., back-sight, carbine	6	6	—	—	—	—
Cut-offs, M.L.M. rifle, Mark I*	—	—	5	—	—	—
Cut-offs, M.L.M. rifle, ,, II	5	5	—	5	5	5
Extractors, M.L.M. rifle, Mark I*	—	—	20	—	—	—
Extractors, M.L.M. rifle, ,, II	20	20	—	20	20	20
Guards, hand, M.L.M., rifle, Mark I*	—	—	80	—	—	—
Guards, hand, M.L.M., rifle, ,, II	—	—	—	40	40	40
Guards, hand, M.L.M., carbine	20	20	—	—	—	—
Guards, trigger, M.L.M., rifle, Mark I*	—	—	1	—	—	—
Guards, trigger, M.L.M., rifle, ,, II	—	—	—	1	1	1
Guards, trigger, M.L.M., carbine	1	1	—	—	—	—
Gauze, wire, pieces of	2,000	2,000	2,000	2,000	2,000	2,000
Heads, bolt, breech, M.L.M. rifle, Mark I*	—	—	20	—	—	—
Heads, bolt, breech, M.L.M. rifle, ,, II	10	10	—	10	10	10
Leaves, back-sight, M.L.M., rifle, Mark I*	—	—	5	—	—	—
Leaves, back-sight, M.L.M., rifle, ,, II	—	—	—	5	5	5
Leaves, back-sight, M.L.M., carbine	5	—	—	—	—	—
Leaves, back-sight, M.L.E. carbine	—	5	—	—	—	—

† Combined with upper band.

§ For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

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Carbines and Rifles, Magazine Lee-Metford and Magazine Lee-Enfield—*continued.*

TABLE 2—*continued.*

Articles.	Annual proportion per 1,000 Arms.§ Carbines, Cavalry. M.L.M. Mark I.	Carbines, Cavalry. M.L.E. Mark I. and I*	Rifles. M.L.M. Mark I.*	Rifles. M.L.M. Mark II.	Rifles. M.L.M. Mark II.*	Rifles. M.L.E. Mark I. and I*.
Links, magazine, M.L.M. rifle Mark I* ...	—	—	5	—	—	—
Links, magazine, M.L.M. rifle ,, II ...	—	—	—	5	5	5
Links, magazine, M.L.M. carbine	5	5	—	—	—	—
Nuts, M.L.M. screw, band, upper	—	—	40	—	—	—
Pins, M.L.M. axis back sight	5	5	5	5	5	5
Pins, M.L.M. axis trap, butt-plate	10	10	10	10	10	10
Pins, M.L.M. barleycorn, front sight ...	—	—	20	—	—	—
Pins, M.L.M. catch magazine	10	10	10	10	10	10
Pins, M.L.M. catch safety, carbine ...	10	10	—	—	10	10
Pins, M.L.M. cover, head, breech-bolt ...	—	—	10	—	—	—
Pins, M.L.M. spring platform, magazine ...	5	5	—	5	5	5
Pins, M.L.M. stop, band lower	—	—	1	1	1	1
Pins, M.L.M. stop, band upper	—	—	1	—	—	—
Pins, M.L.M. trigger	5	5	5	5	5	5
Pivots, sight, aperture, M.L.M. rifle	—	—	1†	—	—	—
Plates, butt, M.L.M. rifle Mark I* ...	—	—	2	—	—	—
Plates, butt, M.L.M. rifle ,, II ...	—	—	—	2	2	2
Plates, butt, M.L.M. carbine...	2	2	—	—	—	—
Platforms, magazine, M.L.M. rifle Mark I*	—	—	25	—	—	—
Platforms, magazine, M.L.M. rifle ,, II	5	5	—	5	5	5
Pointers, dial, sight, M.L.M. rifle Mark I*	—	—	10	—	—	—
Pointers, dial, sight, M.L.M. rifle ,, II	—	—	—	10	10	10
Pull-throughs, double¶...	—	—	—	—	—	—
Rivets, M.L.M. fore-end	2	2	2	2	2	2
Rivets, M.L.M. spring hand-guard rifle ...	—	—	10	10	10	10
Screws, M.L.M. band lower, rifle Mark I* ...	—	—	5	—	—	—
Screws, M.L.M. band lower, rifle ,, II ...	5	5	—	5	5	5
Screws, M.L.M. band upper, ,, ,, I* ...	—	—	5	—	—	—
Screws, M.L.M. bed, back sight	5	5	5	5	5	5
Screws, M.L.M. cap back sight	5	5	5	5	5	5
Screws, M.L.M. cap nose rifle	—	—	5	5	5	5
Screws, M.L.M. cap nose carbine	5	5	—	—	—	—
Screws, M.L.M. cover breech-bolt	—	—	100	—	—	—
Screws, M.L.M. cover back sight long	3	3	—	—	—	—
Screws, M.L.M. cover back sight short... ...	3	3	—	—	—	—
Screws, M.L.M. cut off	10	10	10	10	10	10
Screws, M.L.M. ejector	15	15	15	15	15	15
Screws, M.L.M. extractor	20	20	20	20	20	20
Screws, M.L.M. guard, trigger back	25	25	25	25	25	25
Screws, M.L.M. guard, trigger front	5	5	5	5	5	5
Screws, M.L.M. head, breech, bolt, rifle, Mark I*...	—	—	200	—	—	—
Screws, M.L.M. keeper, striker rifle, Mark I* ...	—	—	20	20	—	—
Screws, M.L.M. keeper, striker carbine	30	30	—	—	30	30
Screws, M.L.M. plate, butt (iron)	4	4	4	4	4	4
Screws, M.L.M. sear	10	10	10	10	10	10
Screws, M.L.M. strap, butt-plate (iron)	—	—	—	2	2	2
Screws, M.L.M. sight aperture, rifle	—	—	10‡	10	10	10
Screws, M.L.M. sight dial, rifle fixing ...	—	—	5	5	5	5
Screws, M.L.M. sight dial, rifle pivot... ...	—	—	10	10	10	10
Screws, M.L.M. spring cut off, rifle, Mark I* ...	—	—	10	—	—	—
Screws, M.L.M. spring sight aperture, rifle ...	—	—	20	20	20	20
Screws, M.L.M. spring sight back	5	5	5	5	5	5

57
3
73

¶ 50 for Cavalry and Infantry, 20 for other services, with two spare cords and gauzes to each.

§ For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

† For rifles of earlier manufacture that have pivots.

‡ For rifles of later manufacture that have screws.

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Carbines and Rifles, Magazine Lee-Metford and Magazine Lee-Enfield—*continued.*

TABLE 2—*continued.*

Articles.	Annual proportion per 1,000 Arms.§					
	Carbines, Cavalry.		Rifles.			
	M.L.M. Mark I.	M.L.E. Mark I. and I*.	M.L.M. Mark I.*	M.L.M. Mark II.	M.L.M. Mark II.*	M.L.E. Mark I. and I*.
Screws, M.L.M. — spring-trap, butt-plate	5	5	5	5	5	5
Screws, M.L.M. — swivel — piling rifle	—	—	5	5	5	5
Screws, M.L.M. — swivel — trigger guard, rifle, Mark I*	—	—	5	—	—	—
Sears, M.L.M. — Mark I*	—	—	15	—	—	—
Sears, M.L.M. — ,, II	15	15	—	15	15	15
Sights, aperture, M.L.M. rifle	—	—	5	5	5	5
Slides, M.L.M., back sight — rifle — Mark I* ...	—	—	5	—	—	—
Slides, M.L.M., back sight — rifle — ,, II ...	—	—	—	5	5	5
Slides, M.L.M., back sight — carbine	5	5	—	—	—	—
Springs, M.L.M. — cut off, rifle, Mark I*	—	—	5	—	—	—
Springs, M.L.M. — extractor	40	40	40	40	40	40
Springs, M.L.M. — guard, hand, rifle — lower — Mark I* ...	—	—	2	—	—	—
Springs, M.L.M. — guard, hand, rifle — lower — ,, II ...	—	—	—	2	2	2
Springs, M.L.M. — guard, hand, rifle — upper — ,, I* ...	—	—	2	—	—	—
Springs, M.L.M. — guard, hand, rifle — upper — ,, II ...	—	—	—	2	2	2
Springs, M.L.M. — link, magazine, rifle, Mark I* ...	—	—	200	—	—	—
Springs, M.L.M. — main	150	150	150	150	150	150
Springs, M.L.M. — platform, magazine — rifle — Mark I* ...	—	—	75	—	—	—
Springs, M.L.M. — platform, magazine — rifle — ,, II ...	—	—	—	25	25	25
Springs, M.L.M. — platform, magazine — carbine...	25	25	—	—	—	—
Springs, M.L.M. — pin, catch, safety, carbine	10	10	—	—	10	10
Springs, M.L.M. — retaining — breech bolt	5	5	5	5	5	5
Springs, M.L.M. — retaining — band	5	5	—	—	—	—
Springs, M.L.M. — sear	15	15	15	15	15	15
Springs, M.L.M. — sight — aperture, rifle	—	—	15	15	15	15
Springs, M.L.M. — sight — back	3	3	3	3	3	3
Springs, M.L.M. — sight — dial, rifle	—	—	2	2	2	2
Springs, M.L.M. — trap, butt-plate	10	10	10	10	10	10
Stocks — butt — rifle — Mark I*	—	—	5	—	—	—
Stocks — butt — rifle — ,, II	—	—	—	5	5	5
Stocks — butt — carbine	5	5	—	—	—	—
Stocks — fore-end — rifle — Mark I*	—	—	5	—	—	—
Stocks — fore-end — rifle — ,, II	—	—	—	5	5	5
Stocks — fore-end — carbine	5	5	—	—	—	—
Strikers, M.L.M. — rifle, Mark I*	—	—	30	30	—	—
Strikers, M.L.M. — carbine	30	30	—	—	30	30
Swivels, M.L.M. — band, rifle — Mark I*	—	—	5	—	—	—
Swivels, M.L.M. — band, rifle — ,, II	—	—	—	5	5	5
Swivels, M.L.M. — butt	—	—	5‡‡	5	5	5
Swivels, M.L.M. — guard, trigger, rifle, Mark I* ...	—	—	5	—	—	—
Swivels, M.L.M. — piling, rifle — Mark I*	—	—	30	—	—	—
Swivels, M.L.M. — piling, rifle — ,, II	—	—	—	30	30	30
Traps, M.L.M., butt-plate, rifle — Mark I* ...	—	—	3	—	—	—
Traps, M.L.M., butt-plate, rifle — ,, II ...	3	3	—	3	3	3
Triggers, M.L.M. rifle — Mark I*	—	—	3	—	—	—
Triggers, M.L.M. rifle — ,, II	3	3	—	3	3	3
Wads, bolt, stock, M.L.M.	30	30	30	30	30	30
Washers, M.L.M. — bolt, stock	2	2	2	2	2	2
Washers, M.L.M. — guard, hand, or rivet. fore-end...	5	5	20	20	20	20
Washers, M.L.M. — screw, fixing, dial sight, rifle ...	—	—	3	3	3	3

§ For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

‡‡ For rifle regiments and mounted infantry only.

(EQ. R.) L

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Bayonets for M.E. Rifles.

TABLE 3. Description.	Annual proportion for 1,000 arms.* Rifles, M.E., Mark I.
Weedon Section.	
Bayonets, Martini-Enfield — rings, locking	1
Bayonets, Martini-Enfield — screws	3
Scabbards, bayonet — lockets, Martini-Enfield	1
Scabbards, bayonet — rivets — screwed	700
Scabbards, bayonet — rivets — split	320
Scabbards, bayonet — rivets — T headed	120
Scabbards, bayonet — springs — long, Martini-Enfield, Mark II	15
Scabbards, bayonet — springs — short, Martini-Enfield	10
Scabbards, bayonet — tips, Martini-Enfield, long	10
Scabbards, bayonet — washers, brass	180
Scabbards, bayonet — M.E. leathers	5

* For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

SWORD-BAYONETS AND SCABBARDS, PATTERN 1888, MARKS I AND II.

TABLE 4. Articles.	Annual proportion per 1,000 arms.§	Remarks.
Weedon Section.		
Sword-bayonets — bolts	15	
Sword-bayonets — grips ... pairs	5	
Sword-bayonets — nuts, bolt	25	
Sword-bayonets — rivets, grip — large	10	For sword-bayonets of early manufacture that have 2 small rivets and 1 large.
Sword-bayonets — rivets, grip — small	10	
Sword-bayonets — springs, bolt, spiral	15	
Sword-bayonets — washers, rivet, grip — large	20	For sword-bayonets of early manufacture that have 2 small rivets and 1 large.
Sword-bayonets — washers, rivet, grip — small	20	
Scabbards — laces, iron	50	
Scabbards — leathers, finished	10	
Scabbards — lockets	3	
Scabbards — tips (or chapes)	5	

§ For other establishments a proportionate allowance will be supplied, fractional results in working out may be taken as whole numbers, and allowance is to be made for any number in possession of the corps.

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Webley Pistols.

TABLE 5.

Description of Components.	Percentage allowed on the No. of Pistols on charge. (Pistol, Webley.) Mark I.	Mark I*.	Mark II.	Mark III.	Mark IV.	Remarks.
Cams, cylinder	—	—	—	5	5	
Catches barrel	5	5	5	5	5	
Catches hammer	5	5	5	5	5	
Cups, countersink, for screw stock ...	5	5	5	5	5	
Hammers, Mark IV	5	5	5	5	5	
Levers extractor, assembled ...	10*c*	10*c*	10*d*	10*e*	10*e*	
Levers auxiliary, Mark II	—	5	5	5	5	
Levers cam, cylinder	—	—	—	5	5	
Nuts screw, stock	5	5	5	5	5	
Nuts extractor	—	—	—	5	5	
Pawls	10*a*	10*b*	10*b*	10*b*	10*b*	
Pins joint, axis	10	10	10	—	—	
Pins joint, axis Mark III ...	—	—	—	10	10	
Pins extractor lever	10	10	10	10	10	
Pins swivel, butt	10	10	10	10	10	
Pins stock	10	10	10	10	10	
Screws axis, cylinder	5	5	5	—	—	
Screws cam ,, ...	—	—	—	10	10	
Screws catch barrel	10	10	10	10	10	
Screws catch hammer	5	5	5	5	5	
Screws fixing, lever, cam, cylinder	—	—	—	10	10	
Screws guard, trigger	5	5	5	5	5	
Screws hammer or trigger	5	5	5	5	5	
Screws lever, cam, cylinder ...	—	—	—	5	5	
Screws pin, joint, axis	10	10	10	10	10	
Screws spindle	5	5	5	—	—	
Screws spring, stop, trigger ...	5	5	5	5	5	
Screws stock	5	5	5	5	5	
Screws shield	—	10	10	10	10	
Screws swivel, hammer	5	5	5	5	5	
Shields	—	5*d*	5*d*	5*e*	5*e*	
Springs, catch barrel	10	10	10	10	10	
Springs, catch hammer Mark I	10	10	—	—	—	
Springs, catch hammer ,, II	—	—	5	5	5	
Springs extractor, lever, Mark I	10	10	—	—	—	
Springs lever, auxiliary, Mark II	—	—	5	5	5	
Springs main	15	15	15	15	15	
Springs ,, auxiliary	5	5	5	5	5	
Springs spindle extractor ..	15	15	15	—	—	
Springs extractor	—	—	—	15	15	
Springs stop, trigger	15	15	15	15	15	
Stop, trigger	5	5	5	5	5	
Swivels butt (with ring)	5	5	5	5	5	
Swivels hammer	5	5	5	—	—	
Swivels hammer Mark II ...	—	—	—	5	5	
Triggers, Mark IV	5	5	5	5	5	

Except for an establishment of three pistols or less, the proportion (less any numbers in possession) may be drawn annually.

For an establishment of three pistols or less, it will only be drawn triennially.

Fractional results may be reckoned as whole numbers.

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57 Gen. No 1602

57 Gen. No 1602

a Mark I or II.

b Mark II. (Pawls of latest manufacture have the lifting points hardened, and the teeth of extractors of the latest pattern are also hardened. It is preferable that a hardened pawl should be used in conjunction with a hardened ratchet, and an unhardened pawl with an unhardened ratchet.)

c Mark I, II, or III. *d* Mark II or III. *e* Mark III.

(EQ. R.)

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Cavalry Swords and Scabbards.

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TABLE 6. Description.	No. per cent. allowed annually.	Remarks.
Weedon Section.		N.B.—Any remaining from previous supplies to be allowed for.
Sword, grip, cavalry — pattern 1890 (also for pattern 1882 and 1885)	2	
Sword, grip, cavalry — pattern 1899	2	
Scabbards, sword — linings — cavalry, pattern 1885 — Mark I ...	5	
Scabbards, sword — linings — cavalry, pattern 1885 — ,, II	5	And Household Cavalry, pattern 1892.
Scabbards, sword — linings — pattern 1899	5	
Scabbards, sword — loops, cavalry, pattern 1885, Marks I and II — back ...	5	
Scabbards, sword — loops, cavalry, pattern 1885, Marks I and II — front ...	5	
Scabbards, sword — mouthpieces, cavalry, pattern 1885 — Mark I ...	2	
Scabbards, sword — mouthpieces, cavalry, pattern 1885 — ,, II	2	And Household Cavalry, pattern 1892.
Scabbards, sword — screws, mouthpiece, cavalry, pattern 1885, Marks I and II ...	10	And Household Cavalry, pattern 1892.
Scabbards, sword — tips, shoe, cavalry, pattern 1885, Marks I and II	10	And Household Cavalry, pattern 1892.
Wire, armourers, iron, lbs. — No. 9 W.G. soft (for rivets, grip)	½	
Wire, armourers, iron, lbs. — No. 12 W.G. soft (for rivets, loop)	¼	
Washers, rivet, sword, cavalry, pattern 1899 ...	12	

Lances.

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TABLE 7. Description.	No. per cent.	Remarks.
Weedon Section.		N.B.—Any remaining from previous supplies to be allowed for.
Dees (brass, ⅞-inch)	5	
Laces for flags	15	
Protectors, leather, for stave of lance	30	
Slings	10	
Thongs	20	
Woolwich Section 7.		
Wire, copper, No. 8 W.G. (for fastening dees), lbs.	1	

Tubes, Aiming.

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TABLE 8. Description.	Annual supply for: 10 tubes or less.	Annual supply for: From 10 to 20 tubes.	Remarks
Weedon Section. *Components.*			N.B.—Any remaining from previous supplies to be allowed for.
Tubes, aiming — breech-pieces — M.-H. (carbine or rifle)*	1	1	
Tubes, aiming — breech-pieces — M. M.	1†	1†	* *For M.-M. tubes only.*
Tubes, aiming — screws, breechpiece, M.-H. (carbine and rifle)*	2	5	† *For M.-H. tubes only.*
Tubes, aiming — set nuts, M.-L.-M.‡	...	1	
Tubes, aiming — Washers, M.-L.-M. — gunmetal‡ ...	...	1	‡ *For M.-L.-M. tubes only.*
Tubes, aiming — Washers, M.-L.-M. — leather§	2	5	For M.-L.-M. and M.-L.-E. rifle and carbine tubes.
Tubes, aiming — Washers, M.-L.-M. — packing	2 per tube	2 per tube	§ *For M.-L.-M. and M.-M. tubes.*
Appurtenances.			
Tubes, aiming — brushes, cleaning (carbine and rifle)‖	1 per 2 tubes	1 per 2 tubes	
Tubes, aiming — rods, cleaning — carbine* ...	1	1	‖ *For M.-H. and M.-L.-M. tubes.*
Tubes, aiming — rods, cleaning — rifle‖	1	1	

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II. Materials for Browning Arms.

A biennial supply for rifles and carbines, in accordance with para. 330.

TABLE 9. Description.	Quantity. 800 arms.	600 arms.	500 arms.	Remarks.
Weedon Section.				
Brushes, hard, armourers	3	2	2	
Woolwich Section, 3.				
Flannel, white ... ... yds.	...	...	...	1 for every 2000 stand of arms.
Woolwich Section, 7.				
Card, scratch ... ... yds.	3	2	$1\frac{3}{4}$	
Cloth, emery ... fine ... ... quires	4	3	$2\frac{1}{4}$	
Cloth, emery ... middling ... ,,	2	$1\frac{1}{2}$	$1\frac{1}{4}$	
Dust, bone ... ... lbs.	5	4	$3\frac{1}{2}$	
Paper, glass ... fine, No. $1\frac{1}{2}$ quires	2	$1\frac{1}{2}$	$1\frac{1}{4}$	
Paper, glass ... coarse ... ... ,,	2	$1\frac{1}{2}$	$1\frac{1}{4}$	
Powder, emery, flour ... ... ozs.	16	12	10	
Woolwich Section, 9.				
Spelter, brass ... ... ozs.	8	6	5	
Tin, grain ... ... lbs.	1	1	$\frac{14}{16}$	For soldering.
Woolwich Section, 11.				
Borax, refined ... ... ozs.	8	6	5	
Glue, best town made ... ... lbs.	4	3	$2\frac{1}{2}$	
Oil *	...	...	...	
Resin, black ... ... ozs.	8	6	5	
Sal-ammoniac, in lumps ... ... ,,	2	$1\frac{3}{4}$	$1\frac{7}{16}$	
Soda, crystal † ... ... lbs.	144	108	90	For cleaning barrels.
Miscellaneous Stores.				
Mixture, browning‡	...	...	...	
Sheeting, old ... ... lbs.	24	20	$16\frac{1}{2}$	

* The following quantities of oil will be issued for the cleaning, oiling, and preservation of small arms, including pistols, at home stations and in the Dominion of Canada in time of peace:—

Rifle Oil.

Horse and Field Batteries, Royal Artillery, 5 pints annually.

Regimental Districts.—For every 100 stand of arms in constant use, 6 gallons annually.

Other Services.—For every 100 stand of arms, 6 gallons annually.

Rifle Oil and Mineral Jelly.

At stations abroad, except in the Dominion of Canada, a mixture of oil and mineral jelly will be issued in the following proportions:—

Horse and Field Batteries, Royal Artillery, $6\frac{1}{4}$ pints for each battery per annum.

Other Services.—6 gallons 1 quart for every 100 stand of arms per annum at Gibraltar, Malta, Egypt, and South Africa; 7 gallons at Straits Settlements, Mauritius, Ceylon, Hong Kong, Bermuda, Barbados, Jamaica; and 9 gallons at West Coast of Africa.

The above allowance of rifle oil, and rifle oil and mineral jelly will include the quantities required for browning, and also for filling the oil bottles.

Rangoon Oil.

1 gallon of Rangoon oil per 100 rifles or carbines per annum will be allowed for lubricating the actions, for which purpose rifle oil is on no account to be used.

No oil, except that supplied by the Army Ordnance Department, will be applied to the arms under any circumstances.

Composition Preserving Arms.

In the West Indies, West Coast of Africa, Mauritius, Hong Kong, and Singapore, arms will be greased, between fore-end and barrel, quarterly, with "Composition, preserving arms," thickened with beeswax. For this service 4 gallons of mixture and 16 lbs. of beeswax for every 500 arms per annum will be allowed. At Ceylon the arms will be greased in this way quarterly during nine months of the year, and once a month for the remaining three months, and 6 gallons of mixture and 24 lbs of beeswax will be supplied for 500 stand of arms. At other stations the arms will be greased once a year with "composition, preserving arms" only, and 1 quart of the mixture for every 100 stand of arms will be allowed.

† $1\frac{1}{2}$ lbs. to each gallon of water. The quantities shown are the maximum allowance, but no more should be used than is actually required to remove the grease.

‡ Browning mixture is supplied in the proportions described in Instructions for the care, repair, and browning, &c., of Arms and Bayonet Scabbards, in the Instructions for Armourers. Charcoal and coal are supplied as laid down in the Allowance Regulations

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III. MATERIALS FOR CLEANING ARMS.

Annual Supply—Peace only. (*Referred to in paragraph* 330).

Oil (see allowance given in Table 9, foot-note *).

Sheeting, old, 1½ oz. .. .. For each Webley pistol.

"Flannelette { 36 inches { For each ·303 rifle and carbine in possession of units of cavalry and infantry.
18 „ { For each ·303 rifle and carbine in possession of units other than cavalry and infantry."

In addition to the above, 10 lbs. of old sheeting will be allowed for the use of the armourer.

In the case of the Royal Artillery, when arms are examined by the armourer serjeant, he should be provided with $\frac{1}{16}$th of a pint for every 18 stand (or ess) of arms, out of the annual allowance of oil.

Three months' Supply—War only.

Oil { Rangoon, 12 pints per regiment of cavalry and battalion of infantry.
rifle, 18 pints per 100 stand of arms. } Allowance for 3 pistols to be as for 1 rifle or carbine.

Flannelette, 30 yards per 100 rifles or carbines.

Sheeting, old, 3 lbs. per regiment of cavalry or battalion of infantry.

Scale for arms of patients admitted to field hospitals on manœuvres :—

Flannelette	10 yards	per field hospital.
Pull-throughs	2 „	
Rifle oil	6 pints	

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IV. MATERIALS FOR TESTING ACTIONS OF MAGAZINE ARMS.

Annual Supply—Peace or War.

Cartridges, S.A. dummy, ·303, Mark II { 20 per regiment of cavalry or battalion of infantry.

APPENDIX VIIIa.

(*Referred to in paragraph* 142L.)

INSTRUCTIONS RELATING TO HARNESS AND SADDLERY STORED FOR REGISTERED HORSES, ON MOBILIZATION.

1. The proportions of sizes, &c., of various articles of harness and saddlery for use with registered horses on mobilization, are detailed in the following tables, with instructional notes :—

Extending Pieces, &c.

(§ 7166, *List of Changes.*)

Description.	For universal saddles.	For artillery draught (horse and field batteries only).	For ammunition columns and parks, also transport draught.
	Per cent.	Per cent.	Per cent.
Bits, snaffle, van	...	...	20*
Breeching, Army Service Corps pattern—			
Straps, extending	...	...	40
Girth, luggage—			
Pieces, extending (for all sizes of girths)...	10	20	40
Surcingle, leather, harness—			
Straps, extending	10	20	40
Straps, hame, 30-inch	...	100	100

* In lieu of similar numbers of reversible bits. With the snaffle van bits, the reversible bridle-head is necessary.

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Bit, Snaffle.

2. The snaffle bit is a strong double-ring pattern with twisted mouthpiece. It will be used with horses in transport not accustomed to work in portmouth bits, or that require a larger mouthpiece than the 5½-inch, No. 2 (largest size) portmouth reversible bit.

Breeching, Army Service Corps.—Strap, Extending.

3. The strap is 1½ inches in width and 13¾ inches in length, and fitted with a 1½-inch buckle to take the breeching strap.

These straps will be required with the Army Service Corps new-pattern breechings when used on heavy van horses, as the breeching straps will be found too short to permit of their being bent back and buckled after passing through the squares in the leather parts of the traces.

Two straps will be required with each breeching, one on each side, if any extension of breeching is necessary, to allow the seat of breeching and the hip straps to work evenly.

NOTE.—The extending straps are not intended to take the place of the short breeching straps mentioned in *List of Changes*, § 7096.

Girth.—Piece, Extending.

4. The extending piece for luggage girth is 12 inches in length, fitted with two 1-inch buckles, and split into two 1-inch straps to buckle into the girth. It will suit any of the girths mentioned in the following table of girths.

The extending pieces will be found unnecessary in some cases after a few days' wear. *See* page 164, with reference to stretching of leather.

Girths.

(§ 7136, *List of Changes*.)

5. Percentage of sizes.

Pattern and size.	Universal saddlery.				Harness.	
	Cavalry.		Mounted infantry.	Royal Artillery, Royal Engineers, and Army Service Corps.	Artillery.	Royal Engineers, Army Service Corps, transport and ammunition columns and parks.
	Light	Heavy.				
Small (30-inch) ...	...	...	100	...	...	...
Medium (34-inch)	100	80	...	70	60	30
Large (38-inch) ...	...	20	...	30	40	70
Luggage (48-inch)* ...	...	...	...	...	...	...
	100	100	100	100	100	100

* All luggage saddles.

No girths having 1¼-inch buckles are to be held in mobilization stores.

Surcingle.—Strap, Extending.

6. The strap for extending surcingle is 13 inches in length, fitted at one end with a buckle, and suitably punched at the other end.

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The service surcingle is issued in one length for all services. The strap is set back on the body 5 inches to allow it to be lengthened regimentally by re-sewing the strap nearer the point, when necessary. But as this cannot be done on mobilization, extending straps are provided.

Strap, Hame, 30-inch.

7. The strap hame for future manufacture will be 30 inches. This length only will be held in mobilization stores.

Bits, Portmouth.

8 Percentage of sizes.

Pattern and size.	Saddlery.					Harness.	
	Officers.	Cavalry. Light.	Cavalry. Heavy.	Mounted infantry.	Royal Artillery, Royal Engineers, and Army Service Corps.	Artillery.	Royal Engineers, Army Service Corps, transport, and ammunition columns and parks.
Cavalry, Mark II. medium	...	70*	50*	...	...	...	...
Cavalry, Mark II. large ...	...	30*	50*	...	...	...	...
‡Reversible—							
M. size	100	...	...	...	50*	20	...
L. size	...	...	...	...	50*	80	100
S. size	...	...	...	100†	...	...	...
	100	100	100	100	100	100	100

* These will not be placed in mobilization stores for use with saddlery until the store of bits, portmouth, saddlery, is exhausted. One size only of the latter pattern is kept.

† Also 5 per cent. of "Bits, bridoon, pattern 1884," with chains of five links.

‡ New pattern Army Service Corps and Royal Artillery pole-draught sets of harness only are to have this pattern of bit for the present. The portmouth bit is to be used in lieu for other draught services until existing stock is exhausted.

Collars, Head.

9. Percentages of sizes.

Pattern and size.	Universal saddlery.				Harness.	
	Cavalry. Light.	Cavalry. Heavy.	Mounted infantry.	Royal Artillery, Royal Engineers, and Army Service Corps.	Artillery.	Royal Engineers, Army Service Corps, and transport.
Cavalry small	80	20	100	10	10	...
Cavalry large	20	80	...	90	90	...
Royal Artillery pattern ...	...	...	...	*	*	...
Army Service Corps pattern	...	...	...	...	...	100
	100	100	100	100	100	100

* The R.A. pattern will be issued until store is exhausted, and the Mark III to all services except with A.S.C. harness.

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Cruppers and Dock-pieces.

10. Only 6 per cent. of the Army Service Corps pattern harness cruppers are to have dock-pieces.

Dock-pieces of General Service cruppers, when issued, need not be used, but turned up.

Leathers, Stirrup.

11. Percentages of sizes.

Sizes.	Universal saddlery.				Harness.
	Cavalry.		Mounted infantry.	Royal Artillery, Royal Engineers, and Army Service Corps.	Drivers'.
	Light.	Heavy.			
Short	80	50	100	50	100
Long	20	50	...	50	...
	100	100	100	100	100

Neck-collars and Hames.

12. The registered horses will bring their own neck-collars, for use if a service collar cannot be fitted suitably for immediate work.

For tables of percentages of service collars *see* paragraph 142K.

The sizes of service hames differ by inches from 22 to 25 inches.

The service neck collars differ in sizes by half inches, and vary from 20 to 25½ inches.

Service hames of suitable sizes and of the patterns described in §§ 7883 and 7884, *List of Changes*, *i.e.*, the General Service, Mark III., the Pole-Draught, and the Army Service Corps patterns, with detachable hame-chains, will fit any civilian pattern, or service collar.

The size of hame need not necessarily correspond with the size of collar. Each service hame will generally fit a collar two sizes below or above its own marked size, civilian pattern pipe-collars excepted.

A pipe-collar is closed at the top, and is V-shaped at the throat, The shape of the throat necessitates a full-sized hame being used, so as to place the draught-arm sufficiently high.

Pads, Collar, Zinc.

13. Percentages of sizes.

Pattern and size.	For neck-collars.		Remarks.
	Up to 21½ inches.	22 inches and upwards.	
Mark II. small	100	...	A 23-inch collar narrow at the top will take a small size pad.
Mark II. large	...	100	

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Pannels, Hair, for Luggage Saddles.

14. Hair pannels flatten after a few days' wear, and in consequence the girths will then be worn two or three holes shorter than originally fitted.

The saddle blanket must not be carried under the saddle with hair pannels, as it will raise the saddle too high off the animal's back, and cause the girth and surcingle to be too short. It will be carried in the vehicle, when pannels are in use.

Saddles.

Percentages of sizes.

15.

	Universal. Sizes.				Total.	Harness.			
						Drivers'.		Luggage.	
	0	1	2	3		Large.	Small. *	Large.	Small. †
Cavalry { light	...	40	50	10	100	...	...	...	...
Cavalry { heavy	...	25	50	25	100	...	...	...	...
Mounted Infantry	100‡	...	...	...	100	...	...	...	...
Royal Horse Artillery	...	20	50	30	100	100	...	100	...
Field Artillery, Royal Engineers, Army Service Corps, and Regimental Transport	...	10	50	40	100	100	...	100	...

* For cobs only, 100 per cent.
† For machine-gun Infantry and mule harness only, 100 per cent.
‡ Only when horsed with animals under 15 hands (cobs).

Stretching of Leather.

16. It should be noted that all new leather subject to strain elongates from ½ an inch to 1 inch in 12 inches, according to width and substance, and whether it is subject to strain when wet from sweat or rain.

Bit-heads, throat-lashes, breast-plates, girths, and surcingles will stretch to the maximum.

Punching Straps.

17. In punching straps the correct size of punch should, whenever possible, be used, so that holes similar to those already in the straps may be made.

Where it can be done without spoiling the appearance of the strap by punching too near the point, a spare hole or more should be punched above or below that in use.

Ropes, Head.

18. These are to be held as camp equipage only, on active field service; and, on mobilization, omitted from the sets of harness and saddlery.

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Ropes, Heel.

19. The usual proportion is one per horse; but, for active field service, 15 per cent. in addition will be stored for unruly horses, for which two each are to be used. Horses requiring two ropes will carry them on the march.

Rings, Clip.

20. When hames are not fitted with terret-rings for long-rein driving, clip rings—to be closed on the top eye of the hames—are to be used for that purpose, and will be stored accordingly with the sets of harness for mobilization, at the rate of four rings per set of long reins.

Straps, Back.

21. When back-pads are not stored with the sets of harness, two backstraps per set of long reins are to be used in long-rein driving, and stored accordingly.

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APPENDIX VIIIb.

DETAILS OF HARNESS AND SADDLERY.

SADDLERY—Officers'.

Sets.

TABLE 1.	R.A., R.E., A.S.C., and Mounted Infantry.		Remarks.
	Peace.	War.	
Woolwich Section No. 2.			
Ropes, head, cotton, with leather billet	1	—	Personal equipment only. For camp and war the G.S. pattern will be used. *See* para. 2 of Instructions at end of table.
Woolwich Section No. 5.			
SADDLERY, OFFICERS'.			
Bits — bridoon, with reins ..	1	1	
Bits — port-mouth, with bridle-head	1	1	Until existing store is exhausted, then reversible pattern bits and bridle-heads. Mounted Infantry are to have latter pattern.
Bits — port-mouth, reversible, heads, bridle ..	1	1	When reversible bit is issued.
Breast-plates	1	1	
Cases, horse-shoe, near ..	1	1	
Cases, horse-shoe, off ..	1	1	
Chains, curb..	1	1	Only issued with "bits, portmouth, with bridle-head."
Collars, head	1	1	
Cruppers	—	—	5 per cent. may be issued.
Girths, web	2	2	
Leathers, stirrup	2	2	

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SADDLERY—Officers'—*continued.*

TABLE 1—*continued.*	R.A., R.E., A.S.C., and Mounted Infantry.		Remarks.
	Peace.	War.	
Woolwich Section No. 5 —continued.			
Reins, portmouth bit ..	1	1	
Saddles	1	1	Steel arch, universal, 0 size, to be issued when animals are under 15 hands.
Skins, lamb	1	—	"R.A." pattern for R.A. and R.E.; "transport" pattern for A.S.C.
Straps, cloak, { and wallet..	2	2	
Straps, cloak, { centre ..	1	1	
Surcingles, leather.. ..	1	1	
Wallets .. .. pairs	1	1	
ARTICLES OF G.S. HARNESS, AND UNIVERSAL SADDLERY.			
Woolwich Section No. 5.			
Bits, portmouth, reversible, M size	1	1	Except S. (small) or L. (large) are specially demanded. Not supplied until store of "Bits, portmouth," is exhausted.
Woolwich Section No. 6.			
Blankets, saddle	1	1	
Irons, stirrup, G.S.	2	2	38407 / Equip. / 2007
Numnahs, felt	1	1	
Runners, stirrup-leather ..	2	2	
Straps, baggage	3	3	
Pannels, numnah .. pair	1	1	*See* para. 1 of instructions below.
Protector, cape	1	—	40116 / 7325

Instructions.

1. The ends of side bars of officers saddles should be slightly reduced in length if necessary to fit the numnah pannels. 38407 / Equip. / 2007

2. Head-ropes are not included in sets of saddlery for war but under camp equipment.

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SADDLERY.—Household Cavalry.

TABLE 2.	Sets. Peace.	War.	Remarks.
SADDLERY, HOUSEHOLD CAVALRY.			
Woolwich Section No. 6.			
Bits, bridoon, with head and reins	1	1	
Bits, portmouth	1	1	Sizes as may be ordered.
Breast-plates	1	1	Not required with those sets having breast-piece.
Chains, collar	1	—	Head-rope instead for war. *See* Instructions at end of table.
Cheek-pieces	2	2	Per portmouth bit.
54 Hld. Bde. 225 **Collars,** head, parade ..	1	—	
Collars, head, stable ..	1	—	
Cruppers	1	1	
Frogs, sword, saddle ..	1	1	When required.
Girths, web	1	1	
54 Cav. 327 **Head-pieces**	1	1	
Numnahs, felt, black ..	1	1	
Ornaments, stirrup-leather	2	2	
Reins, portmouth bit ..	1	1	
Skins, sheep, black	1	—	1st L.G. and R.H.G.
Skins, lamb, white	1	—	2nd L.G.
Straps, shoe-case	1	1	
ARTICLES OF SADDLERY, UNIVERSAL.			
Blankets, saddle	1	1	
Breast-pieces	—	—	4 per squadron.
Buckets, carbine, magazine	1	1	1 per set, except for W.O. and N.C.O. armed with pistols.
Buckets, lance	—	—	2 per exercise lance, for peace only.
Cases, horse-shoe, saddlery ..	1	1	
54 Hld. Bde. 225 **Collars,** head, cavalry, mark III	—	1	
Irons, stirrup, G.S., Mark II	2	2	
Leathers, stirrup	2	2	L. size.
Pannels, numnah .. pairs	1	1	

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SADDLERY—Household Cavalry—*continued.*

TABLE 2—*continued.*	Peace.	War.	Remarks.
Woolwich Section No. 6 —continued.			
Protectors, cape	1	—	
Saddles, steel-arch, with V-girth attachment	1	1	Sizes as may be ordered.
Straps, baggage	3*	3*	
Straps, cloak, and wallet	2	2	
Straps, cloak, centre ..	1	1	
Straps, supporting, front	—	—	8 per squadron.
Straps, supporting, rear	—	—	4 ,,
Straps, trace	—	—	8 ,,
Surcingles, leather	1	1	
Traces, saddlery .. pairs	—	—	4 ,,
Tugs, trace	—	—	8 ,,
Wallets, steel-arch saddles pairs	1	1	

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* Per N.C.O. and man.

Instructions.

Head-ropes are not included in sets of saddlery for war, but under camp equipment.

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SADDLERY—Universal.

For Army Service Corps, Cavalry, Mounted Infantry, Royal Artillery, and Royal Engineers.

(*Infantry Regimental Transport—Set as for R.A.*)

Sets.

TABLE 3.	A.S.C., Cavalry, R.A., and R.E.		Mounted Infantry.		Remarks.
	Peace.	War.	Peace.	War.	
Woolwich Section No. 2.					
57 / Gen.No. / 1618 **Ropes,** head, hemp, with ring	1	—	1	—	In war this forms part of Camp Equipment. *See* para. 2 of Instructions at end of table.
Woolwich Section No. 5.					
Bits, portmouth, reversible, ...	—	—	1	1	S. size.
heads, bridle	—	—	1	1	

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Woolwich Section No. 6.

Bits, bridoon, pattern 1884	1	1	*	*	*5 per cent. only allowed, these to have chains of 5 links.
Bits, portmouth, saddlery, with bridle head and reins	1	1	—	—	Until those in use are worn out, then reversible, except for Cavalry, who will receive Cavalry, Mark II.
Blankets, saddle	1	1	1	1	*See* note against "pannels."
Breast-pieces	1	1	—	—	Except staff serjeants and trumpeters R.A. (also R.A. mounted band), R.E., and all warrant officers A.S.C., on Transport rolls, who receive breast-plates. For Cavalry, 4 per squadron only.
Breast-plates, pattern 1884	1	1	1	1	Not required with breast-piece. *See also* "Breast-pieces."
Buckets, carbine, magazine, ...	†	†	—	—	†For Cavalry, 1 per set saddlery, except for bandmasters, serjeant-master tailor, band, and ranks armed with pistols. For T.B., R.E., 1 per set of near harness and saddlery, except N.C.O.'s armed with pistols, and trumpeters. For Field Troop, R.E., 1 per set of saddlery, except N.C.O.'s armed with pistols, and trumpeters.
Buckets, carbine, magazine, dees, iron	1	1	—	—	For regiments armed with lances.
Buckets, lance	2	2	—	—	For regiments armed with lances (Hussar regiments will be supplied with 2 per exercise lance only); and 1 per set of saddlery for signallers, T.B., R.E. Mark I for lancers' stirrup-irons; and Mark II for G.S. stirrup-irons, Marks I and II; and for lancers' stirrup-irons with loop removed.
Buckets, rifle, Mark III	—	—	1	1	

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SADDLERY—Universal—*continued.*

TABLE 3—*continued.*	A.S.C., Cavalry, R.A., and R.E.		Mounted Infantry.		Remarks.
	Peace.	War.	Peace.	War.	
Woolwich Section No. 6—continued.					
Buckets—*contd.* signalling flags	—	—	—	—	6 per section, T.B., R.E. only.
Buckets—*contd.* tool	1	1	—	—	1 per set of saddlery, Field Troop, R.E., only (except staff-serjeants and trumpeters).
Cases, horse-shoe, saddlery, pattern 1884 ..	‡	‡	1	1	‡ 1 only for Cavalry, 2 for R.A., R.E., and A.S.C.
Collars, head, Mark III	1	1	1	1	Sizes as may be ordered. Small size for M.I.
Cruppers, saddlery	1	1	1	1	For 5 per cent. of saddles.
Frogs, sword, saddle	1§	1§	1‖	1‖	§ For R.E., 1 per cavalry sword. ‖ For N.C.O. only, when armed with sword. Frogs, saddle, farriers', will be issued in lieu to farriers until stock is used up.
Girths, pattern 1884	1	1	1	1	Small size for M.I., medium size for light cavalry. 80 medium and 20 large size for heavy cavalry. For R.A., R.E., and A.S.C., sizes as ordered.
Irons, stirrup, G.S.	2	2	2	2	The lancers' pattern iron will continue in use with lancers until stock is used up.
Leathers, stirrup	2	2	2	2	Short size, pattern 1884, for M.I. For Cavalry, R.A., R.E., and A.S.C., sizes as ordered.
Numnahs, felt	1	1	1	1	

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(EQ. R.)	**Pannels,**	saddles, universal .. .. pairs	1	—	—	—	Iron or wood-arch pattern, as necessary. To be replaced by blanket saddle, when universal pannels now in use are worn out. *See* para. 1 of Instructions at end of table.
		numnah .. .. .. ,,	1	1	1	1	For 50 per cent. of saddles, for use with blanket.
40116 / 7325	**Protectors,** cape		1	—	1	—	
	Reins,	bridoon, pattern 1884	1	1	1¶	1¶	¶ For 5 per cent. of saddles.
		reversible bits	1**	1**	1	1	** For R.A., R.E., and A.S.C. only, when reversible bit is used.
	Runners, stirrup-leather		2	2	2	2	
	Saddles, universal, with V-girth attachment ..		1	1	1	1	0 size for Mounted Infantry only. Other units, sizes as may be ordered. "Steel arch" for Cavalry and Mounted Infantry.
57 / Gen. No. / 1016	**Straps,**	baggage	3	3	3	3	Cavalry and R.A., 3 per N.C.O. and man. A.S.C. 3 per warrant officer, N.C.O., and trumpeter of transport branch.
		cloak, and wallet	2	2	2	2	1 only for cavalry.
		cloak, lance and wallet ..	1	1	—	—	For cavalry only.
		cloak, centre	1	1	1	1	
		lance-bucket	2	2	—	—	1 per lance bucket. Mark I for Mark I bucket, and Mark II for Mark II bucket.
54 / Gen. No. / 8215 ... / 8453		shoe-case, pattern 1884 ..	§	§	1	1	§ 1 for Cavalry, 2 for R.A., A.S.C. and R.E.
		supporting, front ..	2	2	—	—	For each breast-plate issued.
		supporting, rear	1	1	—	—	For each pair of traces, saddlery, issued.
		trace	2	2	—	—	For each pair of traces, saddlery, issued.

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SADDLERY—Universal—*continued.*

TABLE 3—*continued.*	A.S.C., Cavalry, R.A., and R.E.		Mounted Infantry.		Remarks.
	Peace.	War.	Peace.	War.	
Woolwich Section No. 6—continued.					
54 / Gen. No. / 8215 — **Surcingles,** leather, harness . ..	1	1	1	1	
Traces, saddlery .. .. pairs	1*	1*	—	—	4 per squadron for Cavalry. Not required with breastplates.
... / 8453 — **Tugs,** trace	2	2	—	—	For each pair of traces, saddlery, issued.
Wallets, universal .. .. .. pairs	1	1	1	1	
SPECIAL FOR MOBILIZATION STORAGE.					
Woolwich Section No. 5.					
Girths, luggage, pieces, extending	1	1	1	1	For 10 per cent. of saddles for all sizes of girths.
Surcingles, leather, harness, straps, extending	1	1	1	1	For 10 per cent. of saddles.

54 / Gen. No. / 8246

* In service and depôt batteries of R.H.A. and R.F A. and ammunition columns 2 pairs of traces, saddlery, only per gun and ammunition wagon limber are allowed.

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INSTRUCTIONS.

1. Hair pannels in use with saddles (except those of the luggage pattern) will, on mobilization, be left at the peace station of the unit, and saddle-blankets and numnah pannels taken into use instead.

2. Head-ropes are not included in sets of saddlery for war but under camp equipment.

Mounted Infantry Saddlery.

3. The breast-plate can be fitted to small cobs by shortening the points of the neck-straps, and cutting off the end button hole of each attachment strap and re-punching fresh holes.

4. *The Head Collar.*—The throat-lash and head of small size Cavalry head collar can be made smaller, if necessary, by cutting off two or three inches from the points, which have been left long and unpunched for this purpose. In special cases the nose-band or back stay may be shortened by cutting and re-stitching

5. The Reversible Head for Bit must be shortened to the length required at the billet end of the long side, by cutting and re-stitching.

6. *Surcingle, Leather.*—The strap can be cut off and re-sewn from 6 inches to 8 inches up the body to give the length required and the body can be shortened equally.

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HARNESS—General Service.

For R.A. (Shaft-draught), R.E., A.S.C., and Cavalry and Infantry Regimental Transport, as may be ordered.

Sets.

TABLE 4.	Peace.				War.				Remarks.
	Per single set of Harness.								
	*Lead.		Wheel.		*Lead.		Wheel.		
	Near.	Off.	Near.	Off.	Near.	Off.	Near.	Off.	
Woolwich Section No. 2.									* These columns refer to R.A. (shaft-draught) only.
57 / Gen. No. / 1618 **Ropes,** head, hemp, with ring	1	1	1	1	—	—	—	—	*See* para. 7 of Instructions at end of table.
Woolwich Section No. 5.									
Bands, back, $1\frac{3}{4}$-inch	—	—	—	1	—	—	—	1	For all units when store of $2\frac{1}{4}$-inch is exhausted, and for Cavalry, Infantry and A.S.C. when O.P. transport luggage saddles are in use.
Bands, back, $2\frac{1}{4}$-inch	—	—	—	1	—	—	—	1	Except for A.S.C. and regimental transport when O.P. luggage saddles are in use.

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Bits, portmouth	harness, with bridle-head ..	1	1	1	1	1	1	1	1	Until existing store is exhausted, the harness pattern, then reversible; sizes as per table, para. 8, Appendix VIIIA. *See* para. 1 of Instructions at end of table.
	reversible	—	—	—	—	—	—	—	—	
	reversible heads, bridle ..	—	—	—	—	—	—	—	—	
Breechings	near, with long strap ..	—	—	1	—	—	—	1	—	
	off	—	—	—	1	—	—	—	1	
Cases, horse-shoe, harness		2	2	2	2	2	2	2	2	*See* para. 2 of Instructions at end of table.
Chains, hame, Mark I		1	1	1	1	1	1	1	1	1 per neck collar.
Collars	breast	1	1	1	1	1	1	1	1	For 25°/₀ of single sets of harness for peace and war, in lieu of a similar number of neck collars, R.A. excepted.
	neck	1	1	1	1	1	1	1	1	*See* note "collar, breast." Sizes as may be ordered. *See* para. 3 of Instructions at end of table.
Cruppers, harness		1	1	1	1	1	1	1	1	*See* para. 4 of Instructions at end of table.
Girths,	luggage, leather..	—	—	—	1†	—	—	—	1	† Not issued in peace for regimental transport or A.S.C., until store of web girths is exhausted.
	web	—	—	1	1	—	—	—	—	Only for infantry and A.S.C., until store is exhausted, then leather.
Hames, Mark III .. .. .. pairs		1	1	1	1	1	1	1	1	1 per neck collar. Sizes as may be ordered.
Leggings, drivers'		1	—	1	—	1	—	1	—	*See* para. 5 of Instructions at end of table.
Pads, collar, zinc		—	—	1	1	—	—	1	1	L. or S. should be stated when demanding.
Pannels, I.-A. or W.-A. saddles, drivers', pairs		1	1	1†	—	—	—	—	—	Until existing store is exhausted, then blankets, saddle, for iron or steel-arch saddles. *See* para. 6 of Instructions at end of table. † Wood-arch O.P., will be issued, except for R.A., until store is exhausted, and must always be worn with O.P. saddles.

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HARNESS—General Service—*continued.*

TABLE 4—*continued.*

	Peace.				War.				Remarks.
	Per single set of Harness.								
	*Lead.		Wheel.		*Lead.		Wheel.		
	Near.	Off.	Near.	Off.	Near.	Off.	Near.	Off.	
Woolwich Section No. 5—continued.									* These columns refer to R.A. (shaft draught) only. † Wood-arch O.P. will be issued, except for R.A., until store is exhausted, and must always be worn with O.P. saddles.
38407 / Equipt. / 2007 — **Pannels,** I.A. or W.A. saddles, luggage, pairs	—	—	—	1†	—	—	—	1	Hair, or numnah pannels, must always be worn with luggage saddles.
38407 / Equipt. / 2007 — **Pannels,** numnah, drivers' ,,	—	—	—	—	—	—	—	—	R.A. only at the rate of 10 per cent. for peace and war, for use with blanket.
38407 / Equipt. / 2007 — **Pannels,** numnah, luggage ,,	—	—	—	1	—	—	—	1	In lieu of hair pannels when stock of latter is exhausted.
Pieces, buckling 1½-inch	1	1	1	1	1	1	1	1	1 per neck collar. R.A. and R.E. only.
Pieces, buckling 1 ,, ...	—	—	1	1	—	—	1	1	1 per neck collar. For cavalry, infantry, and A.S.C. only.
Reins, bearing, Mark II	2	2	‡	‡	2	2	‡	‡	1 leading rein, in lieu of 1 bearing rein, per off set having 2 reins, will be issued until stock is exhausted. *See* L. of C. § 8274. ‡ 2 near and 2 off for R.A. and R.E. 1 ,, 1 ,, cavalry of the line, infantry, and A.S.C.

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Reins	driving, long .. .. sets	—	—	—	—	—	—	—	—	One per A. and S. wagon, as ordered, for R.A. For R.E., for war, 1 per G.S., litho., photo., printing, reservoir, and forge wagon. For cavalry, infantry, and A.S.C., 1 per near set of harness in peace, and for war, 1 per G.S., forge, and ambulance wagon. Infantry have in peace 1 additional set for use with forage cart.
54 / Gen. No. / 8267	side	—	1	—	1	—	1	—	1	
Rings,	clip	—	—	—	—	—	—	§	—	§ 4 for each set of driving reins, when hames are not fitted with rings for long-rein driving. To be closed on the top eye of the hames (2 rings on each pair of hames).
Saddles, I.-A.	or S.-A. drivers', with V-girth attachment (L)..	1	1	1	—	1	1	1	—	
	luggage (L)	—	—	—	1	—	—	—	1	
Straps	back	—	—	¶	¶	—	—	¶	¶	¶ 2 per set of driving reins.
	breeching, short	—	—	1	2	—	—	1	2	For use when vehicle is fitted with pole.
	collar-pad	—	—	2	2	—	—	2	2	Not required for Mark I pad.
	flank	2	2	2	2	2	2	2	2	
	girth	‡	‡	‡	4	‡	‡	‡	4	‡ For I.-A. luggage saddle only. Not required for issue with the saddle fitted with V-girth attachment.
	hame	1	1	1	1	1	1	1	1	1 per neck collar. *See* straps, hame, 30-inch, below.
	hip	2	2	2	2	2	2	2	2	If not sewn on cruppers.
61063 / 312	wither $1\frac{1}{2}$-inch	1	1	1	1	1	1	1	1	When $1\frac{1}{2}$-inch pieces buckling are issued.
	wither 1	—	—	1	1	—	—	1	1	" 1 " " " and when breast collars are used.
	neck, A.S.C. pattern)	—	—	—	—	—	—	—	—	1 per collar, breast, G.S.

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HARNESS—General Service—*continued.*

TABLE 4—*continued.*	Peace.				War.				Remarks.
	Per single set of Harness.								
	*Lead.		Wheel.		*Lead.		Wheel.		
	Near.	Off.	Near.	Off.	Near.	Off.	Near.	Off.	
Woolwich Section No. 5—continued.									* These columns refer to R.A. (shaft draught) only.
Traces, harness, lead .. .. pairs	1	1	—	—	1	1	—	—	For R.A. only.
Traces, harness, short .. .. ,,	—	—	1	1	—	—	1	1	For R.E., Regimental transport, and A.S.C. only.
Traces, harness, wheel	—	—	1	1	—	—	1	1	
Tugs, back-band, $2\frac{1}{4}$-inch	—	—	—	2	—	—	—	2	For $2\frac{1}{4}$-inch back-band.
Tugs, back-band, $1\frac{3}{4}$,, ...	—	—	—	2	—	—	—	2	For $1\frac{3}{4}$-inch back-band.
61063/312 **Wallets,** harness, Mark V., pairs	—	1	—	1	—	1	—	1	
Whips drivers'	1	—	1	—	1	—	1	—	
Whips driving	—	—	—	—	—	—	—	—	One per set of driving reins.
Woolwich Section No. 6.									
Bits, bridoon, pattern '84	1	1	1	1	1	1	1	1	Except for A.S.C. and regimental transport, when reversible bits are issued.

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Blankets, saddle	—	—	—	—	1	1	1	1	For peace. *See* note "Pannels."
Collars, head, Mark III	1	1	1	1	1	1	1	1	But store of R.A. pattern will be exhausted, then this pattern will be issued for all services, other than with A.S. Corps N.P. harness.
Girths, pattern '84	1	1	1	—	1	1	1	—	Sizes as may be ordered, can only be used with saddles fitted with V-girth attachment.
Irons, stirrup, G.S...	2	—	2	—	2	—	2	—	
Leathers, stirrup	2	—	2	—	2	—	2	—	S. size for R.A. and R.E. Cavalry as may be ordered.
Numnahs, felt	1	1	1	1	1	1	1	1	These numnahs can be altered to suit all saddles, *vide* § 7065 L. of C.
Reins, bridoon, pattern '84	—	—	1	1	—	—	1	1	Not for R.A. nor R.E., nor for other corps when reversible bit is issued.
Runners, stirrup, leather	2	—	2	—	2	—	2	—	
61063/312 **Straps** baggage	3	3	3	3	3	3	3	3	
61063/312 **Straps** cloak and wallet, pattern '84	—	2	—	2	—	2	—	2	
61063/312 **Straps** cloak centre	—	1	—	1	—	1	—	1	
Surcingles, leather, harness	1	1	1	1	1	1	1	1	Not required if luggage transport saddle is used.
SPECIAL FOR MOBILIZATION STORAGE.									
Bits, snaffle, van	1	1	1	1	1	1	1	1	For 20 per cent. of single sets of harness in lieu of portmouth bits. None for horse or field batteries. *See* para. 1 of Instructions at end of table.
Girths, luggage, pieces extending ..	1	1	1	1	1	1	1	1	For 40 per cent. of single sets of harness.

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HARNESS—General Service—*continued.*

TABLE 4—*continued.*	Peace.				War.				Remarks.
	Per single set of Harness.								
	*Lead.		Wheel.		*Lead.		Wheel.		
	Near.	Off.	Near.	Off.	Near.	Off.	Near.	Off.	
Surcingles, leather, harness, straps, extending	1	1	1	1	1	1	1	1	* These columns refer to R.A. (shaft draught) only. For 40 per cent. of single sets of harness, except horse and field batteries, which are allowed only 20 per cent. of each.
Straps, hame, 30-inch	—	—	—	—	—	—	—	—	1 per neck collar.
Bits, portmouth, reversible, heads, bridle	—	—	—	—	—	—	—	—	In the same proportion as bits, snaffle, van. *See* para. 8 of Instructions at end of table.

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Instructions to Guide Storage for Mobilization with Registered Horses.

1. For G.S. pattern harness there are to be 80 per cent. of portmouth (until existing stock is exhausted, then the reversible), and 20 per cent. of snaffle, van bits.

2. Shoe-cases will not hold shoes of any size larger than No. 8, therefore Nos. 9 and 10 shoes, stored for registered heavy draught horses, are to be carried instead in the wagon box for active field service.

3. Neck-collars of registered horses are to be purchased with the horses on mobilization, for use until the service pattern from store can be fitted instead. Where those stored for a unit are found to be too small, larger sizes will be obtainable in exchange, on requisition, from ordnance depôts on the lines of communication.

4. When G.S. pattern cruppers are issued, the dock need not be used with fractious horses, but turned up.

5. For long-rein driving, hames not fitted with terret rings are to be provided with clip-rings, at the rate of four rings (to be closed on the top eye of the respective hames) per set of long reins; also with G.S. harness (having no back-pads), two back-straps per four clip-rings are required, and should be stored accordingly.

6. Hair pannels in use with saddles (except those of the luggage pattern) will, on mobilization, be left at the peace station of the unit, and saddle-blankets taken into use instead.

7. Head-ropes are not included in sets of harness for war, but under camp equipment.

8. With snaffle van bits, in lieu of portmouth pattern, for horses with tender mouths, or requiring a larger mouthpiece, the reversible head is necessary. § 7166 L. of C.

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HARNESS.—Machine Gun.

For Cavalry (also Mounted Infantry), and Infantry.

Sets.

TABLE 5.	Number per Set of Harness. Peace and War. Cavalry.* Near.	Cavalry.* Off.	Infantry.†	Remarks.
Woolwich Section No. 2.				
57 / Gen. No. 1618 **Ropes,** head, hemp, with ring	1	1	1	For Peace only. *See* Instructions at end of table.
PACK-SADDLERY, G.S.				
Woolwich Section No. 27.				
Bits, bridoon	—	—	1	
HARNESS AND SADDLERY.				
Woolwich Section No. 5.				
Bands, back, $1\frac{3}{4}$-inch ..	—	1	—	
Bits, port-mouth { reversible ..	1§	1§	1‡	§ M. size. ‡ S. (small) size.
Bits, port-mouth { reversible, heads, bridle	1	1	1	
Breechings, machine gun { near	1	—	—	
Breechings, machine gun { off ..	—	1	—	
Cases, horse-shoe, harness	—	1	—	
Chains, hame, Mark I ..	—	1	—	
Collars { breast, machine gun	1	—	—	
Collars { neck	—	1	—	Sizes as may be ordered.
Cruppers, machine gun ..	1	1	—	
Girths, luggage	—	1	1	
Hames, Mark III .. pairs	—	1	—	Sizes as may be ordered.
Leggings, drivers' ..	1	—	—	
Pads, collar, zinc	—	1	—	L. or S. should be stated when demanding.

* If animals are less than 15 hands, this harness will not fit them.
† For cobs or mules less than 15 hands.

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HARNESS—Machine Gun—*continued.*

TABLE 5—*continued.*	Number per Set of Harness. Peace and War. Cavalry* Near.	Cavalry* Off.	Infantry.†	Remarks.	
Woolwich Section No. 5—continued.					
Pannels, I.-A. saddles, luggage .. .. pairs	—	1	1	Hair or numnah pannels must always be worn with luggage saddles.	38407 / Equipt. 2007
Pannels, numnah, luggage, pairs	—	1	1	In lieu of hair pannels, when stock of latter is exhausted.	
Pieces, buckling, machine gun	—	1	—		
Reins bearing, A.S.C. ..	1	1	—		
Reins leading, machine gun..	—	1	1		
Reins side, A.S.C.	—	1	—		
Runners, stirrup-leather..	2	—	—		
Saddles, iron-arch, luggage L. ..	—	1	—	W.-A. luggage, transport, will be issued until store is exhausted.	
Saddles, iron-arch, luggage S. ..	—	—	1	W.-A. luggage, transport, will be issued until store is exhausted.	
Straps collar-pad	—	2	—	Not required for Mark I pad.	
Straps flank, machine gun 22-inch	2	—	—		
Straps flank, machine gun 19 ,,	—	2	—		
Straps girth	—	4	4	Only required with I.-A. luggage saddle.	
Straps hame, A.S.C.	—	1	—		61063 / 312
Straps neck, machine gun ..	1	—	—		
Straps wither, 1-inch	—	1	—		
Traces, machine gun, pairs	1	1	—		
Tugs, back-band, machine gun near ..	—	1	—		
Tugs, back-band, machine gun off ..	—	1	—		
Wallets, harness, Mark V, pairs	—	—	1		61063 / 312
Whips, drivers'	1	—	1		
SPARE PARTS.					
Straps, machine gun flank, 22-inch ..	—	2	—	Used when the breast-collar is worn on off horse.	
Straps, machine gun connecting breeching, pairs	1	—	—	Used when the neck-collar is worn on the near horse.	

* If animals are less than 15 hands, this harness will not fit them.
† For cobs or mules less than 15 hands.

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HARNESS—Machine Gun - *continued.*

TABLE 5—*continued.*	Number per Set of Harness. Peace and War. Cavalry.* Near.	Cavalry.* Off.	Infantry.†	Remarks.
HARNESS, MULE, BREAST, G.S.				
Woolwich Section No. 5.				
Bands, back, Mark I ..	—	—	1	
Breechings	—	—	1	
Collars breast, Mark II	—	—	1	
Collars head (without chapes and rings)	—	—	1	
Cruppers	—	—	1	
Straps crupper, Mark I (with hook) ..	—	—	1	
Straps neck, Mark II ..	—	—	1	
Straps wither, Mark I	—	—	1	
Traces, long, Mark II, pairs	—	—	1	
Tugs, back-band, Mark I near ..	—	—	1	
Tugs, back-band, Mark I off ..	—	—	1	
Woolwich Section No. 6.				
SADDLERY (UNIVERSAL).				
Bits, bridoon, pattern 1884	1	1	—	
Blankets, saddle	1	1*a*	1*a*	
Cases, horseshoe, saddlery	1	—	1	
Collars, head, cavalry ..	1	1	—	*a* War only.
Frogs, sword, saddle ..	1	—	—	
Girths, pattern 1884 ..	1	—	—	
Irons, stirrup, G.S. ..	2	—	—	Sizes as may be ordered. Can only be used with saddles fitted with V-girth attachment.
Leathers, stirrup	2	—	—	
Numnahs, felt	1	1	1	
38407 Equipt. 2007 **Pannels,** numnah, pairs	1	—	—	Sizes as may be ordered.
40116 7325 **Protectors,** cape	1*b*	—	—	*b* Not for war.
Reins, bridoon, pattern '84	1	1	1	

* If animals are less than 15 hands, this harness will not fit them.
† For cobs or mules less than 15 hands.

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HARNESS—Machine Gun—*continued.*

TABLE 5—*continued.*	Number per Set of Harness. Peace and War. Cavalry.* Near.	Cavalry.* Off.	Infantry.†	Remarks.	
Woolwich Section No. 6—continued.					
Runners, stirrup leather..	2	—	—		
Saddles, steel arch, universal	1	—	—		
Straps baggage ..	3	3	—		61063 / 312
Straps cloak and wallet	2	—	2		
Straps cloak centre	1	—	—		
Straps shoe case, pattern 1884 ..	1	—	1		38407 / Equipt. / 1978
Surcingles, leather harness	1	1	1	Not required if O.P. luggage transport saddle is used.	
Wallets, I.A. or S.A. saddles, universal .. prs.	1	—	—		

* If animals are less than 15 hands, this harness will not fit them.
† For cobs or mules less than 15 hands.

Instructions to Guide Storage for Mobilization with Registered Horses.

1. Head-ropes are not included in sets of harness for war, but under camp equipment.

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HARNESS—POLE DRAUGHT, R.A.

Sets.

	TABLE 6.	Peace and War. No. per Set. Near.	Off.	Remarks.
	Woolwich Section No. 2.			
57 / Gen. No. / 1618	**Ropes,** head, hemp, with ring	1	1	For peace only. Will be supplied with camp equipment for war. *See* para. 3 of Instructions at end of table.
	Woolwich Section No. 5.			
	ARTICLES OF HARNESS, G.S.			
	Bits, port-mouth — reversible	1	1	Sizes as may be ordered.
	,, heads, bridle	1	1	
	Cases, horse-shoe, harness ..	2	2	*See* para. 1 of Instructions at end of table.
	Collars — head, R.A. ..	1	1	Until store is exhausted, then Mark III.
	Collars — neck	1	1	Sizes as may be ordered. *See* para. 2 of Instructions at end of table.
	Pads, collar, zinc	—	—	2 per team. L. or S., according to size of collars.
	Pannels, I.-A. saddles, drivers' .. .. .. pairs	1		Peace, until store is exhausted; then blankets, saddle. *See* para. 4 of Instructions at end of table.
38407 / Equipt. / 2007	**Pannels,** numnah, drivers' pairs	—	—	10 per cent for peace and war, for use with blanket.
	Reins — bearing, Mark II ..	2	1	
	Reins — leading	—	1	Until store is exhausted, then additional bearing rein.
	Reins — side	—	1	
	Saddles, I.-A. or S.-A., drivers'	1	1	L. size.
	Straps — collar-pad, Mark I	—	—	2 per collar-pad.
	Straps — hame	1	1	*See* straps, hame, 30-inch.
	Straps — flank	2	2	
	Straps — wither, 1½-inch ..	1	1	Until store is exhausted, then 1-inch.

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HARNESS—Pole Draught, R.A.—*continued.*

TABLE 6—*continued.*	Peace and War. No. per Set. Near.	Off.	Remarks.
Woolwich Seection No. 5—continued.			
Surcingles, leather, harness	1	1	
Wallets, harness, Mark V pairs	—	1	61063/312
Whips, drivers'	1	—	
HARNESS, A.S.C.			
Pieces, buckling, 1-inch ..	1	1	1½-inch buckling pieces in possession to be used up.
HARNESS, POLE-DRAUGHT, R.A.			
Breechings	1	1	
Chain, hame, with dee ..	1	1	
Cruppers	1	1	
Hames .. .. pairs	1	1	
Hooks, pole bar	—	—	2 per vehicle supplied with pole bar.
Leggings, drivers'	1	—	
Link, double..	1	1	
Straps breast, breeching	1	1	
Straps flank, 1¾-inch ..	2	2	
Straps pole	—	—	2 per vehicle fitted with pole.
Traces, harness wheel .. pairs	1	1	
Traces, harness short .. "	1	1	Not supplied for wheel horses.
Woolwich Section No. 6.			
ARTICLES OF SADDLERY, UNIVERSAL.			
Bits, bridoon..	1	1	
Blankets, saddle	1	1	For war. For peace, *see* remarks against pannels.
Girths, pattern '84	1	1	Sizes as may be ordered.
Irons, stirrup, G.S... ..	2	—	
Leathers, stirrup, pattern '84	2	—	S. size.
Numnahs, felt	1	1	
Runners, stirrup-leather ..	2	—	
Straps baggage	3	3	
Straps cloak and wallet	—	2	61063/312
Straps cloak centre ..	—	1	

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HARNESS, Pole Draught, R.A.—*continued.*

TABLE 6—*continued.*	Peace and War. No. per Set. Near.	Off.	Remarks.	Batteries.	Ammn. Columns and Parks.
SPECIAL FOR MOBILIZATION STORAGE.					
Bits, snaffle, van	—	—	Per cent., in lieu of similar numbers of reversible bits	—	20
Girths, luggage, pieces, extending	—	—	Per cent. for all sizes of girths	20	40
Surcingles, leather, harness, straps, extending	—	—	Per cent.	20	40
Straps, hame, 30-inch ..	—	—	Per cent.	100	100

Instructions to Guide Storage for Mobilization with Registered Horses.

1. Shoe-cases will not hold shoes of any size larger than No. 8; therefore Nos. 9 and 10 shoes, stored for registered heavy draught horses, are to be carried in the wagon box for active field service.

2. Neck-collars of registered horses are to be purchased on mobilization, for use until the Service pattern from store can be fitted instead. When those stored for a unit are found to be too small larger sizes will be obtainable in exchange, on requisition, from Ordnance Depôts on the line of communications.

3. Head-ropes are not included in sets of harness for war, but under camp equipment.

4. Hair pannels in use with saddles (except those of the luggage pattern) will, on mobilization, be left at the peace station of the unit and saddle-blankets taken into use instead.

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HARNESS:—A.S.C., N.P.

For A.S.C., R.E., and Cavalry and Infantry Regimental Transport, as may be ordered.

Sets.

TABLE 7.	Wheel.				Remarks.
	Peace.		War.		
	Near.	Off.	Near.	Off.	
Woolwich Section No. 2.					
57 Gen. No. 1618 **Ropes,** head, hemp, with ring	1	1	—	—	*See* para. 6 of Instructions at end of table.
Woolwich Section No. 5.					
HARNESS. A.S.C.					
Bands back, $1\frac{3}{4}$-inch	—	1	—	1	
Bands belly	1	1	1	1	
Breechings, Mark II	1	1	1	1	
Collars breast, Mark II	1	1	1	1	For 25 per cent. single sets of harness for peace and war, in lieu of a similar number of neck collars.
Collars head	1	1	1	1	
Cruppers, without dock-pieces ..	1	1	1	1	
Dock-pieces	—	—	—	—	6 per cent. of cruppers. *See* para. 1 of Instructions at end of table.

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HARNESS:—A.S.C., N.P.—*continued.*

TABLE 7—*continued.*

	Wheel. Peace. Near.	Wheel. Peace. Off.	Wheel. War. Near.	Wheel. War. Off.	Remarks.
Woolwich Section No. 5—continued.					
Hames .. .. pairs	—	—	—	—	1 per neck collar.
Pads, back	1	1	1†	1†	† Not for R.E. units, until their vehicles are fitted for pole-draught.
Pieces, buckling, 1-inch	—	—	—	—	1 per neck collar.
Reins — bearing	1	1	1	1	
Reins — driving, long .. .. sets	1	—	*	—	*1 per wagon—general service, forge, ambulance, or Royal Engineer general service, forge, litho., photo., printing, and reservoir gas.
Reins — side	—	1	—	1	
Straps — carrying, Mark II	2	2	2	2	
Straps — hame	—	—	—	—	1 per neck collar. *See* straps, hame, 30-inch.
38407 Equipt. 2002 — **Straps** — neck	—	—	—	—	1 per breast collar.
Traces — attachments, hames .. pairs	—	—	—	—	1 per neck collar, to extend the trace.
Traces — chains .. .. ,,	1	1	1	1	
Traces — pieces, leather .. ,,	1	1	1	1	
Traces — ropes .. .. .. ,,	1	1	1	1	
Tugs, back-band, 1¾-inch .. ,,	—	2	—	2	

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HARNESS, G.S.					
Bits, port-mouth, reversible	—	—	1	1	M. or L. size (*see* para. 8, Appendix VIIIA; also "bits, snaffle, van," below.
Bits, port-mouth, harness, with bridle-head	1	1	—	—	Until store is exhausted, then the reversible bit.
Cases, horse-shoe, harness	2	2	2	2	*See* para. 3 of Instructions at end of table.
Chains, hame, Mark I	—	—	—	—	1 per neck collar.
Collars, neck	1	1	1	1	75 per cent. single sets of harness. Sizes as may be ordered. *See* para. of 4 Instructions at end of table. *See* also note against "Collars, breast."
Girths luggage, leather	—	—	—	1	
Girths web	1	1	—	—	For W.-A. saddles.
Leggings, drivers'	1	—	1	—	
Pads, collar, zinc	1	1	1	1	1 per neck collar; when demanded, L. or S. should be asked for.
Pannels I.-A. saddles drivers' pairs	1*	—	—	—	Until store is exhausted, then blankets. *See* para. 5 of Instructions at end of table.
Pannels I.-A. saddles luggage ,,	—	1*	—	1	*W.-A., O.P. will be issued until store is exhausted. Hair or numnah pannels must always be worn with luggage saddles, and hair pannels with drivers' W.A., O.P. saddle.
38407 Equipt. 2007 **Pannels** numnah, luggage ,,	—	1	—	1	For iron arch saddles, in lieu of hair pannels when stock of latter is exhausted.
Saddles, iron-arch or S.-A. drivers' (L)	1†	—	1	—	†W.A., O.P., until store is exhausted.
Saddles, iron-arch luggage (L)	—	1†	—	1	
Straps collar-pad	2	2	2	2	Not required for Mark I pad.
Straps girth	—	4	—	4	For I.-A. luggage saddle only.
Straps wither, 1-inch	1	1	1	1	
Traces, hooks pairs	1	1	1	1	
61063 312 **Wallets,** harness	—	1	—	1	
Whips drivers'	1	—	1	—	§1 per set of driving reins.
Whips driving	1	—	§	—	

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HARNESS:—A.S.C., N.P.—*continued.*

TABLE 7—*continued.*	Wheel. Peace. Near.	Wheel. Peace. Off.	Wheel. War. Near.	Wheel. War. Off.	Remarks.
Woolwich Section No. 5—continued.					
HARNESS AND SADDLERY.					
Straps, back	—	—	‡	—	‡2 per set of driving reins, in lieu of the back-pads, for R.E. units, until their vehicles are fitted for pole-draught.
Woolwich Section No. 6.					
HARNESS AND SADDLERY, G.S.					
Bits, bridoon, patt. '84	1	1	—	—	When reversible bit is not issued.
Blankets, saddle..	—	—	1	1	
Girths, pattern '84	—	—	1	—	Sizes as may be ordered.
Irons, stirrup, G.S.	2	—	2	—	
Leathers, stirrup	2	—	2	—	S. Size.
Numnahs, felt	1	1	1	1	These numnahs can be altered to suit all saddles, *vide* § 7065 L. of C.
Reins, bridoon, patt. '84	1	1	—	—	Only when bridoons are issued.
Runners, stirrup, leather	2	—	2	—	
61063/312 **Straps** baggage	3	3	3	3	
Straps cloak and wallet	—	2	—	2	
Straps cloak centre	—	1	—	1	
Surcingles, leather, harness	1	1	1	1	Not required if luggage O.P. transport saddle is issued.

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SPECIAL FOR MOBILIZATION STORAGE. *Woolwich Section No. 5.*					
Bits, snaffle, van	1	1	1	1	For 20 per cent. of single sets of harness, in lieu of a similar number of reversible or G.S. bits. *See* para. 2 of Instructions at end of table.
Breechings, A.S.C., straps, extending..	1	1	1	1	For 40 per cent. of single sets of harness.
Girths, luggage, pieces, extending ..	1	1	1	1	For 40 per cent. of single sets of harness for all sizes of girths.
Surcingles, leather, harness, straps, extending	1	1	1	1	For 40 per cent. of single sets of harness.
Straps, hame, 30-inch	—	—	—	—	1 per neck collar.
Bits, portmouth, reversible, heads, bridle	—	—	—	—	In the same proportion as bits, snaffle, van. *See* para. 7 of Instructions at end of table.

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INSTRUCTIONS TO GUIDE STORAGE FOR MOBILIZATION WITH REGISTERED HORSES.

1. Only 6 per cent. of the cruppers in A.S.C. new pattern harness sets are to have dock-pieces.

2. For sets of A.S.C. new pattern harness, there are to be 80 per cent. of reversible, and 20 per cent. of the snaffle van pattern bits.

3. Shoe-cases will not hold shoes of any size larger than No. 8; therefore Nos. 9 and 10 shoes, stored for registered heavy draught horses, are to be carried instead in the wagon box, for active field service.

4. Neck-collars of registered horses are to be purchased on mobilization, for use until the service pattern from store can be fitted instead. Where those stored for a unit are found to be too small, larger sizes will be obtainable in exchange, on requisition, from Ordnance Depôts on the line of communications.

5. Hair pannels in use with saddles (except those of the luggage pattern) will, on mobilization, be left at the peace station of the unit, and saddle-blankets taken into use instead.

6. Head-ropes are not included in sets of harness for war, but under camp equipment.

7. With snaffle van bits, in lieu of portmouth pattern, for horses with tender mouths, or requiring a larger mouthpiece, the reversible head is necessary. §7166 L. of C.

PACK-SADDLERY, G.S., MARK III OR IV.

Set.

N.B.—Mark IV has tinned buckles and a steel-arch saddle-tree, and will not come into use until existing store of other marks is exhausted.

TABLE S.	No.	Remarks.
Woolwich Section No. 27.		
Bits, bridoon	1	
Breechings, Mark*	1	* Mark III or IV (as ordered).
Collars { breast, Mark* ..	1	
Collars { head „ * ..	1	
Chains, collar, G.S.	1	
Covers, 6′ × 6′, G.S.	1	
Cruppers, Mark†	1	† "Large" or "small," also Mark III or IV (as ordered).
Girths, Mark* .. pairs	1	
Pannels, Mark†	1	
Reins, bridoon, Mark ‡ ..	1	‡ Mark I or II (as ordered).
Ropes, Mark* .. pairs	2	
Surcingles, Mark §	1	§ Mark II or III (as ordered).
Straps { baggage .. pairs	2	
Straps { girth¶	4	¶ "Mark II" for Mark IV trees, and those trees of Mark III that may have mortices in the bar for their attachment.
Trees, mark †..	1	

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HARNESS, MULE, BREAST.

Sets.

TABLE 9.	10-span.	6-span.	Remarks.	
HARNESS, MULE, BREAST, 10-SPAN.				
Bits, snaffle	10	6		Para. 9991, L. of C.
Breechings	4	2		
Bridles	10	6	With winkers, neck-strap, and thong.	
Collars, breast	10	6		
Reins, driving — lead — single	8	4		
Reins, driving — lead — hand-part, pairs	2*	1	* 1 pair being spare.	
Reins, driving — wheel .. .. sets	1	1		
Straps — back — lead	6	4		
Straps — back — wheel	4	2	Not required when cart saddles are issued.	
Straps — neck	10	6		
Straps — pole	4	2		
Traces — lead .. .. pairs	2	2		
Traces — wheel .. .. „	8	4		
Bars, coupling	1	1		
Chains, trek, 8-feet	2	1†	† Spare.	
Swingletrees	3	2§	§ 1 set being spare.	
Saddles, cart (for belly bugles)..	—	2		57
Strap, back, belly bugle	—	2	When specially ordered.	Cape
Tugs, belly bugle	—	4	When specially ordered.	9753
Whips, driving, 6- or 10-span ..	1	1		
HARNESS, MULE, BREAST, G.S.				
Cruppers	4	2		

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APPENDIX VIIIc.

(*Referred to in Paragraphs* 41 *and* 142N.)

Components, Accessories, Spare Parts, Wagon and Cart Equipment of Vehicles.

Description of Articles, &c.	Number or Quantity for									
	Wagon.						Cart.			
	Ambulance.	A. and S., R.A.	G.S. or G.S., R.E.	Forge, G.S. or Forge, R.E.	S.A.A. Limber.	S.A.A. Wagon.	Forage.	Maltese, Mark V*.	S.A.A.	Water-barrel.
A.—*Not demanded or accounted for separately.*										
COMPONENTS.										
Woolwich Section, 3.										
Barrel, water (Mark V wagon)	1	..	..	..	..	..	..	..	..	..
Cushion centre (Mark IV wagon)	1	..	..	..	..	..	..	..	..	..
Cushion front	1	..	..	..	..	..	..	..	..	..
Cushion rear (Marks III and IV wagon)	1	..	..	..	..	..	..	..	..	..
Cushion side long (Mark V wagon)	4	..	..	..	..	..	..	..	..	..
Cushion side short (,, ,,)	4	..	..	..	..	..	..	..	..	..
Ladders, wagon, ambulance (according to Mark of wagon)	1	..	..	..	..	..	..	..	..	..

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Lamps, ambulance — left hand		1	..	..	..	..	..	..	..	..	..
Lamps, ambulance — right hand		1	..	..	..	..	..	..	..	..	..
Pins, linch, with tread plate		2	..	..	..	..	..	..	..	..	..
Poles, draught, wagons, ambulance		1	..	..	..	..	..	..	..	..	..
Ropes, lifting, water-barrel (Mark V wagon)		2	..	..	..	..	..	..	..	..	..
Shafts, No. 88, framed (Mark III wagon)	pairs	1	..	..	..	..	..	..	..	..	..
Spanners, ambulance wagon		1	..	..	..	..	..	..	..	..	..
Stretchers, ambulance		2	..	..	..	..	..	..	..	..	..
Washers, plain (Marks III and IV wagon)		4	..	..	..	..	..	..	..	..	..
Wheels, 3rd class, B — No. 148 (hind)		2*a*	..	..	..	2*b*	2*b*	..	..	..	..
Wheels, 3rd class, B — ,, 152 (fore)		2*a*	..	..	..	..	..	..	..	..	..
Wheels, 3rd class, B — ,, 148 (hind) (Mark IV wagon)		2	..	..	..	..	..	..	..	..	..
Wheels, 3rd class, B — ,, 154 (fore) ,, ,, ,,		2	..	..	..	..	..	..	..	..	..
Wheels, 3rd class, B — ,, 145 (hind) ,, V ,,		2	..	..	..	..	..	..	..	..	..
Wheels, 3rd class, B — ,, 150 (fore) ,, ,, ,,		2	..	..	..	..	..	..	..	..	..
Woolwich Section, 4.											
Boxes — grease, 3-lb.		2	2	2	2	2	..	1	1	1	1
Boxes — limber wagon, S.A. Ammunition		..	..	..	..	1	..	..	..	..	..
Bolts, shaft — Maltese		..	..	..	..	..	..	..	2	..	..
Bolts, shaft — water-barrel		..	..	..	..	..	..	..	..	..	2
Chains, draught — bollard, wagon, G.S., Mark III		..	..	..	2	..	..	..	..	..	..
Chains, draught — cart, forage, centre		..	..	..	..	..	..	1	..	..	..
Chains, draught — cart, forage, outrigger		..	..	..	..	..	..	1	..	..	..
Chains, draught — cart, Maltese		..	..	..	..	..	..	..	2	..	..
Chains, draught — cart, water-barrel		..	..	..	..	..	..	..	..	..	2
Chains, draught — limber, wagon, S.A. Ammunition		..	..	..	..	1	..	..	..	..	..
Chains, draught — pole, No. 1		2*c*	2	2	2*c*	..	..	..	..	..	..
Chains, draught — pole, ,, 2		2*d*	..	..	2*e*	..	..	..	..	..	..
Chains, draught — rear, wagon, G.S., Marks VII to VIII		..	..	2	..	..	..	..	..	..	..

a Mark III wagon. *b* Near and off. *c* Mark IV wagon. *d* Mark V wagon. *e* Mark VIII wagon.

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APPENDIX VIIIc—*continued.*

Description of Articles, &c.	Number or Quantity for									
	Wagon.						Cart.			
	Ambulance.	A. and S., R.A.	G.S. or G.S., R.E.	Forge, G.S. or Forge, R.E.	S.A.A. Limber.	S.A.A. Wagon.	Forage.	Maltese, Mark V*.	S.A.A.	Water-barrel.
COMPONENTS—*continued.*										
Woolwich Section, 4—continued.										
Casks, water, 108 gallons	..	..	..	..	..	..	..	..	..	1
54 Engrs. 58 **Forge,** field, G.S., Mark II	..	..	..	1*r*	..	..	..	..	..	..
Forge, double bellows	..	..	..	1*s*	..	..	..	..	..	..
Funnels, cart, water-barrel	..	..	..	..	..	..	..	..	..	1
Girths, cart	..	..	..	..	..	..	..	..	..	1
Keys, water tap, carts, water-barrel	..	..	..	..	..	..	..	..	..	1
Nuts, flange, tap, carts, water-barrel	..	..	..	..	..	..	..	..	..	1
Pins linch, 3rd class	2	..	4	4	2	2	2	2	..	2
Pins shaft (Mark III wagon)	1	..	1	1	..	..	..	..	..	..
Pole, draught, wagon, G.S.	..	..	1	1*c*	..	..	..	..	..	..
Raves wagon near	..	..	1	1	..	..	..	..	..	..
Raves wagon off	..	..	1	1	..	..	..	..	..	..
Raves cart, Maltese side near	..	..	..	..	..	..	..	1	..	..
Raves cart, Maltese side off	..	..	..	..	..	..	..	1	..	..

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54 A.S.C. 2699

Rollers, Scotch						1	1	1	1*p*						
Seat and box drivers						1	1	1	1						
Shafts, No.	43 (near)											1			
	44 (off)											1			
	45 (near)														1*h*
	46 (off)														1*h*
	63 (near)												1		1*j*
	64 (off)												1		1*j*
	83									1					
	84									1					
	96 (framed)				pair				1*k*						
Shoes, drag						1*q*	1*q*	1*eq*	1*q*						
Swingletrees, No. 3						2*a*		2*f*	2			2	2		1*o*
Taps, cart, water-barrel															1
Ties, linch-pin						4	4	4	4	2	2	2	2	2	2
Washers, drag, 3rd class, B						4*b*		4	4	2	2	2	2		2
Wheels — 3rd class, B	147 or 163 (hind)							2*d*	2*d*						
	151 or 164 (fore)							2*d*	2*d*						
	147 (hind)							2*b*							
	155 (fore)							2*b*							
	165 (hind)							2*m*							
	166 (fore)							2*m*							
	144 or 162											2	2*n*		2*h*
	145 or 167														2*j*
Wheels — 2nd class, C, No. 201														2	

a Marks IV and V wagon. *b* Mark V wagon. *c* Mark IV wagon. *d* Marks III and IV wagon.
e Except Mark V wagon. *f* Except Mark III wagon. *h* Mark II cart. *j* Marks III and IV cart.
k Mark III wagon. *m* Marks VI to VIII wagon. *n* No. 144 only for this cart. *o* 2 for Mark IV cart only.
p Not for wagon forge G.S.R.E. *q* Not required for wagons fitted with S. African brake.
r For wagon, forge, G.S., only. *s* For wagon, forge, R.E., only.

54 A.S.C. 2699

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APPENDIX VIIIc—*continued.*

Description of Articles, &c.	Number or Quantity for									
	Wagon.						Cart.			
	Ambulance.	A. and S., R.A.	G.S. or G.S., R.E.	Forge, G.S. or forge, R.E.	S.A.A. Limber.	S.A.A. Wagon.	Forage.	Maltese, Mark V*.	S.A.A.	Water-barrel.
COMPONENTS—*continued.*										
Woolwich Section, 7.										
Vice, bench, saddletreemakers	..	..	..	1	..	..	..	..	..	..
Woolwich Section, 10.										
Para. 9884 L. of C. **Locks**, pad, 2-inch	..	..	..	..	..	2	..	..	..	..
Woolwich Section, 13.										
Blocks, brake, field and transport, Mark II	2*a*	2*a*	2*a*	2*a*	..	2*a*	..	..	2*a*	..
Pins, linch, 2nd class	..	4	..	..	..	..	..	..	2	..
Poles, draught, No. 7A	..	1	..	..	..	..	..	..	..	..
Straps, securing .. .. sets	1	1	1	1	1	1	1	1	1	1
Shafts No. 1 (near)	..	..	..	..	..	..	..	..	1	..
Shafts „ 19 (off)	..	..	..	..	..	..	..	..	1	..

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Swingletrees, No. 10A	..	2	..	..	..	..	..	..	..	..
Washers, drag, 2nd class, C	..	4	..	..	..	..	..	..	2	..
Wheels, 2nd class { B, No. 28 (fore)	..	2	..	..	..	..	..	..	..	..
Wheels, 2nd class { C, „ 35A (hind)	..	2	..	..	..	..	..	..	..	..
B.—*Demanded and accounted for separately.*										
ACCESSORIES.										
Woolwich Section, 3.										
Covers, wagon, ambulance	1	..	..	..	..	..	..	..	..	..
Hoops, bale, wagon, ambulance, Marks IV and V sets	1	..	..	..	..	..	..	..	..	..
Woolwich Section, 4.										
Covers { cart { forage	..	..	..	..	..	..	1	..	..	..
Covers { cart { Maltese	..	..	..	..	..	..	..	1	..	..
Covers { wagon, G.S.	..	1*b*	1	1	..	..	..	..	..	..
Cups, drinking, cart, water	..	..	..	..	..	..	..	..	..	1
Hoops, bale { cart, forage .. .. .. set	..	..	..	..	..	..	1	..	..	..
Hoops, bale { wagon, G.S. .. .. .. „	..	..	1	1	..	..	..	..	..	..
Troughs, water-cart	..	..	..	..	..	..	..	..	..	1
Woolwich Section, 13.										
Covers, wagon, ammunition and store, R.A.	..	1*c*	..	..	..	..	..	..	..	..
Hoops, bale, wagon, ammunition and store, R.A. sets	..	1	..	..	..	..	..	..	..	..
Raves, wagon, ammunition and store, R.A.	..	2	..	..	..	..	..	..	..	..

a For vehicles fitted with S. African brake.
b For baggage and tents wagon.
c Except baggage and tents wagon.

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APPENDIX VIIIc—*continued.*

	Description of Articles, &c.	Number or Quantity for									
		Wagon.						Cart.			
		Ambulance.	A. and S., R.A	G.S. or G.S., R.E.	Forge, G.S. or forge, R.E.	S.A.A. Limber.	S.A.A. Wagon.	Forge.	Maltese, Mark V*.	S.A.A.	Water-barrel.
	SPARE PARTS.										
	Woolwich Section, 3.										
7700 Stores 451	**Hooks,** draught, S.	2*e*	..	..	..	..	..	..	..	..	..
	Pins, linch, with tread plate — A (Marks III and IV wagon)	1	..	..	..	..	..	..	..	..	..
	Pins, linch, with tread plate — B (Mark V wagons)	1	..	..	..	..	..	..	..	..	..
	Washers, plain (Marks III and IV wagon)	1	..	..	..	..	..	..	..	..	..
	Woolwich Section, 4.										
7700 Stores 451	**Hooks,** draught, S.	..	..	2‡*e*	2‡*e*	2*e*	..	2*e*	2*e*	2*e*	..
	Pins, linch, 3rd class	..	..	1	1	..	1	1	1	..	1
54 Art. 8623	**Soles,** drag shoe — No. 15 (for shoe No. 17) (Mark III and IV wagons)	1*a*	..	..	..	..	..	..	..	..	..
	Soles, drag shoe — No. 15 (for shoe No. 17) (Mark III and IV G.S. wagons, with No. 147 wheel)	..	..	1*a*	..	..	..	..	..	..	..
	Soles, drag shoe — No. 15 (for shoe No. 17) (G.S. forge wagon)	..	..	..	1*a*	..	..	..	..	..	..
	Soles, drag shoe — No. 17 (for shoe No. 21) (R.E. wagons)	..	..	1*a*	1*a*	..	..	..	..	..	..
	Soles, drag shoe — No. 18 (for shoe No. 24) (Mark V wagon)	1*a*	..	..	..	..	..	..	..	..	..
	Soles, drag shoe — No. 18 (for shoe No. 24) (Mark VI to VIII G.S. wagons)	..	..	1*a*	..	..	..	..	..	..	..

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	Swingletrees, No. 3		1	..	1	1	..	..	..	..	..	..
	Washers, drag, 3rd class, B		1*b*	..	1	1	..	1	1	1	..	1
	Woolwich Section, 13.											
(Eq. R.) 54 Art. 8623	**Blocks,** brake, field and transport, Mark II.		2*c*	2*c*	2*c*	2*c*	..	2*c*	..	..	2*c*	..
	Pins, linch, 2nd class		..	1	..	..	..	..	..	..	1	..
	Soles, drag shoe, No. 3 (for shoe No. 4) (Mark IV G.S. wagon, with No. 145 wheel)		..	1*a*	..	..	..	..	..	..	..	..
38407 Equipt. 2012	**Swingletrees,** No. 10A		..	..	1*a*	..	..	..	..	..	..	..
	Washers, drag, 2nd class		..	1	..	..	..	..	..	..	..	..
			..	1	..	..	..	..	..	..	1	..
	Woolwich Section, 18.											
	Lashing, tarred, 1½-inch, 32 feet		..	2	..	..	..	..	.	..	..	..
	WAGON EQUIPMENT. *Woolwich Section*, 2.											
	Axes felling, curved helve		..	1	1	1		..	..	1	..	..
	Axes pick, heads, 6½ lbs.		..	1	1	1		..	..	1	..	..
	Axes pick, helves, 34½-inch		..	1	1	1		..	..	1	..	..
	Buckets, water, G.S. canvas		..	..	..	..		6	..	..	6	..
	Buckets, water, G.S. leather		..	2	2	2		2	1	1	1	1
	Hooks bill		..	1	1	1		..	..	1	..	..
	Hooks reaping, large		..	2	2	2		..	..	..	1	..
	Shovels, universal		..	1	1	1		..	..	1	..	..
	Spades, N.P.		..	1	1	1		..	..	1	..	..
54 Art. 8623	**Tents,** line, tent, 16-thread	oz.	6*d*	..	..	..		..	..	..	..	..

O 2 37 Stores 451

a Not required for vehicles fitted with South African brake.
c For vehicles fitted with South African brake.
e For vehicles not fitted with a fixed hook.

b Mark V wagon.
d Annual supply.
‡ Except wagons, R.E.

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APPENDIX VIIIc—*continued.*

Description of Articles, &c.	Number or Quantity for								
	Wagon.						Cart.			
	Ambulance.	A. and S., R.A.	G.S. or G.S., R.E.	Forge, G.S., or Forge, R.E.	S.A.A. Limber.	S.A.A. Wagon.	Forage.	Maltese, Mark V*.	S.A.A.	Water-barrel.
WAGON EQUIPMENT—*continued.*										
Woolwich Section, 5.										
Brush, water, carriage	1	1	1	1	1		1	1	1	..
Woolwich Section, 7.										
Drivers, screw, 6-inch	..	..	..	..	1		..	..	1	..
Hammers claw, 14 ozs.	..	..	..	..	1		..	..	1	..
Hammers riveting, 8 ozs.	1	..	..	..	..		..	..	..	..
Pincers, carpenters' .. .. pairs	..	..	..	..	1		..	..	1	..
Spanners, McMahon, 9-inch	1	..	..	..	1		..	..	1	1
Woolwich Section, 11.										
Grease, Field's* .. .. lbs.	6	6	6	6	6		3	3	3	3

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Woolwich Section, 18.										
Cordage, tarred, spun-yarn, hemp, 3-thread ..	lbs.	5	5	5	5	5	5	5	5	..
Lashings white, 1-inch, 30 feet		..	..	..	..	2	2	..	2	..
Lashings tarred, 16-feet		..	..	..	..	..	..	4	..	..
Ropes, drag, light	pairs	..	1	1	1	1	1	1	1	..
Woolwich Section, 25.										
Boards, inventory		1	1	1	1	1	1	1	1	..
STORES.										
Woolwich Section, 27.										
Blankets, G.S.		4	..	..	..	..	..	..	..	..

* Annual supply.

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APPENDIX IX.

(*Referred to in paragraph* 368[1])

INSTRUCTIONS FOR THE CARE AND PRESERVATION OF THE LEATHER OF HARNESS AND SADDLERY (OTHER THAN THAT HELD FOR MOBILIZATION) IN POSSESSION OF TROOPS.

Dubbing to be used.

1. Once in every six months the saddlery and harness in possession of the troops is to be laid by in dubbing for two or three days.

Time for applying dubbing.

2. From Friday afternoon until Monday afternoon is a suitable time, if the Saturday intervening be made a saddlery and harness inspection day, so that the officer immediately responsible may see that the orders are strictly carried out.

Proper application of dubbing.

3. The whole of the strapping composing the saddlery and harness will be taken to pieces ; and after the articles have been cleaned, and while they are damp from the use of a wet sponge, the dubbing will be lightly rubbed in. It may be applied with a rag, sponge, or brush. Dubbing spreads more uniformly, and is incorporated more thoroughly with the fibres of the leather, if applied when the leather is damped. In the winter months the dubbing should be warmed.

Tallow to be rubbed off.

4. When the dubbing has had time to penetrate the leather, which will be in two or three days, the residue of tallow on the surface should be rubbed off, and the article polished up with a cloth or brush. If this is properly done, and only a sufficiency of dubbing has been used, the leather will not soil the hand or glove when handled.

Articles requiring exceptional treatment.

5. Carbine buckets, and seats and flaps of saddles, being of uncurried leather and requiring to be kept stiff, should only be very lightly dubbed *annually*, but occasional soap sponging is necessary to preserve the grain.

Daily use of soap.

6. Soap should be used daily, where articles are in constant use, to produce mellowness in the leather rather, than an outward gloss. Inspecting officers should handle the straps to ascertain that they are pliable, and in good preservation.

Leather to be kept soft.

7. So long as leather remains dry and clean it needs but little attention, beyond receiving a little grease half-yearly ; but when wetted, either by rain or by the water necessary to clean it, the leather becomes hard and stiff, if not softened with some oily matter.

Soda not to be used.

8. Leather must not be washed with soda nor soaked in water. Its vitality is quite destroyed by being soaked in hot water, and it will be found afterwards to readily crack when bent. Washing the leather with soap and *luke-warm* water, quickly, and without soaking, will not injure it if the precaution is taken to apply oil, dubbing, or good soap, while the article is slightly damp.

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9. Drying the leather by the fire destroys its durable properties, and is strictly forbidden. **Not to be dried by the fire.**

10. Leather articles exposed to the action of ammonia, which is continually given off in stables, become weak and rotten sooner than those not so exposed. But the grease of oil, soap, or dubbing, applied from time to time, penetrates the leather, nourishes it, and fits it to resist the deleterious effects of ammonia, and of atmospheric moisture; it also fills up the fibres, makes the leather more mellow, and increases its tensile strength. **Action of ammonia.**

11. Soft soap contains an excess of alkali, and should be sparingly used; if applied freely it gives the leather a dark and sodden appearance. **Soft soap to be sparingly used.**

12. Bees-wax and saddle soaps, commonly used in the service to give a polish to the grain of the leather, are not objectionable, providing good yellow soap is used to the flesh (under) side to keep the leather mellow. **Use of bees wax, &c.**

13. Black saddlery leather requires greater care than brown. To give it a good appearance, the best blacking only should be used. **Black saddlery.**

14. The harness and saddlery of sick and young horses, when kept in store, should be properly cleaned, and soaped, or dubbed, before being stored. The officer immediately responsible should inspect them monthly. **Monthly inspection.**

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APPENDIX X.

(*Referred to in Section XVI, Sub-section II.*)

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INSTRUCTIONS FOR MARKING VEHICLES.

CONTENTS.

	PARAS.
Object of instructions	1
System of marking to be uniform	2
Position of "corps marks"	2, 6
Position of other marks	3
Method of marking	5
Details of corps marks	6
Details of additional marks..	3
Abbreviations to be used	6
Distribution of vehicles	7
Tables I. to VI.	

Object.

1. These instructions are issued with the object that when required for use on mobilization, every vehicle shall be marked so as to show the title of the unit to which it belongs, the formation to which the unit is allotted, and the service to which each vehicle is appropriated.

Corps marks, position of.

2. These marks, called "corps marks," are to be on the same system for all vehicles, and for all branches of the service.

The position of the marks will be as follows :—

- Gun carriages and vehicles, with limbers — centre of back of ammunition boxes.
- Carriages, field, machine gun,
  - infantry, — Nordenfelt, 3 barrel (Mark I), (also Gardner, 2 barrel), off side of iron cover. Maxim, Mark I, ·303 guns, front plate. Maxim, Mark II, ·303 guns, back of lockers and front plate.
  - cavalry or mounted infantry, — Nordenfelt, 3 barrel (Mark I), (also Gardner, 2 barrel), Maxim, Mark I, ·303 guns, — off side of framework carrying ammunition.
- Other vehicles (if construction admits), — on body of vehicles, on *off side*, as far to the front as possible, and low enough to be clear of tarpaulin or other cover.

Other marks not to be mixed up with.

3. In addition to the above-named "corps marks," there are a number of details, chiefly for regimental convenience, marked on certain vehicles, such as the nature of gun, number or letter of subdivision, number of wagon, &c. These details are not to be mixed up with the corps marks, and will be placed on the rear side, as shown in the details given in Table IV.

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4. The details of the marking are given in the following paragraphs, and all vehicles detailed for use with medical units, such as bearer companies and field hospitals, will be marked with the Geneva cross, in addition to corps marks, &c. Details, where given. Geneva cross.

5. Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand, to chief ordnance officers of districts, who will arrange for necessary promulgation to the troops requiring them. The marking of vehicles will be performed by hand-painting, by battery and regimental artificers. In the absence of artificers trained to hand-painting, vehicles will be marked by the army ordnance department. All marking, except the Geneva cross, which will be in red on white ground, will be for vehicles painted lead colour in white paint, and for those painted khaki colour in black paint, in letters and numerals, as laid down in Table V. Drawings. 38407 / Equipt. / 2006

6. "Corps marks" generally require three lines :—

First line.—Title of unit, *e.g.*, 2 Leins. R.

Second line.—Formation to which unit is allotted, *e.g.*, 3 Inf. Bde.

Third line.—Service to which vehicle is appropriated, *e.g.*, Baggage.

Table I shows the abbreviations to be used for titles of units.

Table II gives examples of first and second lines, and shows the special methods of marking vehicles in ammunition columns, supply columns, bearer companies, and field hospitals.

7. Since the allotment of most of the units in the field army varies from time to time, as units move from station to station in the course of relief, it is not possible to keep all vehicles permanently marked in full, but where this is possible it is always to be done. Vehicles to be permanently marked where possible.

The extent to which the marking can be completed in anticipation of mobilization depends on the distribution of the vehicles during peace, which is, broadly, as follows :— Distribution of vehicles.

(*a.*) Vehicles in charge of units, and forming part of their peace equipment will be kept fully marked. Vehicles in charge of units.

Regimental transport vehicles for infantry battalions will be marked with an "index number" in addition to, and above, the corps marks. This index number will be inscribed in a circle thus, (15). A list of stations, barracks, and numbers is given in Table VI., of this Appendix. Regimental transport vehicles.

When vehicles accompany a unit on change of station, or are handed from one unit to another on relief, any necessary changes in the marking will be at once carried out.

(*b.*) Vehicles forming part of the mobilization equipment n charge of units :— Mobilization equipment.

These will be kept fully marked, with the exception of the letter, number, or designation of the unit, which will be filled in on mobilization, by the particular unit which then uses the equipment.

(*c.*) Vehicles kept by the army ordnance department in mobilization storehouses to complete the equipment on mobilization of units which exist in peace, and the allotment of which is liable to change in course of relief :— Vehicles kept by A.O.D.

These will be kept fully marked, omitting that part only of the detail in the first line which indicates the actual title of the unit,

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and the number of the battalion, regiment, &c., which will be filled in after the vehicles are taken over by the unit to which they are allotted.

(*d.*) Vehicles kept by the army ordnance department, in mobilization storehouses, for the equipment of units which are to be formed on mobilization, or for those units, existing in peace, the allotment of which is not affected by change of station :—

The units are given in the following list, and the vehicles held for them will be kept marked in full :—

Staff units.
Regimental staff of corps artillery.
Household Cavalry (composite) Regiment.
Ammunition columns.
Ammunition Parks.
Regimental staff of corps engineers.
Troops, bridging battalion, Royal Engineers.
Divisions of telegraph battalion, Royal Engineers.
Field Troops, Royal Engineers.
Balloon sections, Royal Engineers.
Field Parks, Royal Engineers.
Militia Engineers in the Field Army.
Railway companies, Royal Engineers.
Field Companies, Royal Engineers.
Volunteer Engineers in the field army.
Mounted infantry.
Mounted infantry machine-gun sections.
Bearer companies (including those formed by the Royal Army Medical Corps Volunteers).
Field hospitals.

(*e.*) Vehicles which are on charge of various corps for local purposes :—

These will be marked to show the purpose to which they are locally appropriated.

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TABLE I.

SHOWING the abbreviations to be used in the first line of the marking, which shows the title of the unit.

Unit.	Abbreviations.
Depôt, Royal Horse Artillery	Dep. R.H.A.
R Battery, Royal Horse Artillery	R. R.H.A.
Depôt Field Artillery	Dep. R.A.
5th Field Battery, Royal Artillery	5. R.A.
3rd Cavalry Brigade Ammunition Column ..	3 Cav. Bde. Ammn. Col.
IInd Corps Troops Ammunition Column ..	II. C.T. Ammn. Col.
6th Infantry Divisional Ammunition Column	6 Div. Ammn. Col.
IInd Ammunition Park (2nd Section).. ..	II Ammn. Park 2.
No. 4 Mountain Battery, Royal Artillery .	4 M.R.A.
Depôt, Royal Engineer Troops..	Dep. R.E. Trp.
No. 12 Field Company, Royal Engineers ..	12 Fd. Co. R.E.
Dragoon Guards (*e.g.* 3rd)	3 D.G.
Dragoons (*e.g.* 6th)	6 Dns.
Hussars (*e.g.* 20th)	20 Hrs.
Lancers (*e.g.* 5th)	5 Lrs.
(1st Battalion) Grenadier Guards	1 G. Gds.
(2nd ,,) Coldstream Guards	2 C. Gds.
(1st ,,) Scots Guards	1 S. Gds.
(1st ,,) Irish Guards	1 I. Gds.
Infantry Battalions (Regulars and Militia) ..	Abbreviations to be in accordance with the abbreviated regimental titles, as laid down in the official Army List.

In the case of units not mentioned in this Table, the abbreviations are sufficiently explained in Table II.

TABLE II.

EXAMPLES of the first two lines of the marking alluded to in paragraph 6 of this Appendix.

Unit.	Examples of the first two lines of the marking.
Staff of an Army Corps..	Staff III. A.C.
Regiment of Cavalry (*e.g.* 2nd Cavalry Brigade)	† 2 Cav. Bde.
Regiment of Cavalry (with an Army Corps) ..	† III. A.C.
Regimental Staff, Corps Artillery	C. Art. Staff. III. A.C.
Brigade Division Staff R.H.A. (Corps Artillery)	Bde. Div. Staff R.H.A. C. Art. III. A.C.
Royal Horse Artillery Battery (with Cavalry Brigade).	* R.H.A. 3 Cav. Bde.
Royal Horse Artillery Battery (Corps Artillery).	* R.H.A. C. Art. I. A.C.
Brigade Division Staff R.A. (with Infantry Division)	*Bde. Div. Staff R.A. 3 Inf. Div.

* Letter or number of Unit, or number of formation.
† Designation of Regiment.

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Table II—*continued.*

Unit.	Examples of the first two lines of the marking.
Field Battery Royal Artillery (with Infantry Division).	* R.A. 3 Inf. Div.
Brigade Division Staff R.A. (with Corps Artillery)	Bde. Div. Staff R.A. C. Art. III. A.C.
Field Battery, Royal Artillery (with Corps Artillery).	* R.A. C. Art. II. A.C.
Cavalry Brigade Ammunition Column.. ..	3 Cav. Bde. Ammn. Col.
Divisional Ammunition Column	3 Div. Ammn. Col.
Corps Troops Ammunition Column	II. C.T. Ammn. Col.
Ammunition Park	II. Ammn. Park 2. II. A.C.
Regimental Staff, Corps Engineers	Corps Eng. Staff. II. A.C.
Field Troop, Royal Engineers	Fd. Trp. R.E. *Cav. Bde.
"B" Troop, Bridging Battalion, Royal Engineers.	B. Pont. Trp. R.E. Corps Eng. II. A.C.
Telegraph Division, Royal Engineers	I Div. Tel. Bn. R.E. Corps Eng. I. A.C.
Balloon Section, Royal Engineers	I Balln. Sec. R.E. Corps Eng. I. A.C.
Field Company, Royal Engineers	*Fd. Co. R.E. 3 Inf. Div.
1st London Volunteer Engineers	1 Lond. R.E. Vols. Corps Eng. III. A.C.
Field Park, Royal Engineers	I Fd. Park R.E. Corps Eng. I. A.C.
Mounted Infantry	Mtd. Inf. 2 Cav. Bde.
Mounted Infantry Machine-gun Section ..	Mtd. Inf. M-gun Sec. 3 Cav. Bde.
Infantry Battalion (*e.g.* 2nd Rl. Highlanders, with Infantry Brigade)	2 R. Highrs. *Inf. Bde.
Company, Army Service Corps (with Corps Troops II. A.C.).	* Co. A.S.C. II. C.T. Supply Column.
Company, Army Service Corps (with Infantry Division).	* Co. A.S.C. 2 Div. Supply Column
Company, Army Service Corps (with Infantry Brigade).	* Co. A.S.C. 12 Supply Column
Company, Army Service Corps (with Cavalry Brigade).	* Co. A.S.C. 1 Cav. Bde. Supply Column
Bearer Company (with Cavalry Brigade) ..	1 Cav. Bde. Bearer Co.
Bearer Company (with Infantry Brigade) ..	5 Bearer Co. 5 Inf. Bde.
Field Hospital (with Cavalry Brigade) ..	1 Cav. Bde. Fd. Hospital
Field Hospital (with Infantry Brigade) ..	5 Fd. Hospital 5 Inf. Bde.
Field Hospital (with Infantry Division) ..	2 Div. Fd. Hospital
Field Hospital (with Corps Troops)	I.C.T. Fd. Hospital

* Letter or number of Unit, or number of formation.

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TABLE III.

DETAILS of the third line of the marking which indicates the service to which each vehicle is appropriated.

N.B.—A separate series of consecutive numbers to be given to each nature of vehicle in the unit. "Ammunition and Store," or, "Surgery, spring," wagons allowed to units in lieu of "General, service," wagons will, however, be given consecutive numbers in the series for G.S. wagons; but carts supplied in lieu of wagons will be numbered according to the respective natures of such carts. Vehicles on charge of units for peace services, and intended also for war equipment, will have priority of numbers over those held on mobilization equipment charge. The number will follow after the third line of marking.

First two lines of the marking which indicate the Unit and the Brigade, Division, &c., of which it forms part.	Last line of marking.	Remarks.
Staff III. A.C.	On 1 cart, forage.—Intel. Dept. Baggage. On 1 cart, forage.—A.S.C. On 2 wagons, G.S.—Baggage No. 1 or No. 2. On 3 wagons, G.S.—Supply No. 1, No. 2, or No. 3.	
Staff Cav. Div.	On 1 wagon, G.S.—Supply. On 1 wagon, G.S.—Baggage.	
Staff 3 Inf. Div.	On 1 wagon, G.S.—Baggage. On 1 wagon, G.S.—Supply.	

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Table III—*continued.*

First two lines of the marking which indicate the Unit and the Brigade, Division, &c., of which it forms part.	Last line of marking.	Remarks.
Staff Cav. Bde.	On 1 wagon, G.S.—Baggage and Supply.	
Staff 9 Inf. Bde.	On 1 wagon, G.S.—Baggage and Supply.	
2 D.G. 2 Cav. Bde.	On 1 cart, forage.—Hd.-Qr. Baggage. On 1 cart, forage.—Hd.-Qr. Supply. On 1 cart, Maltese.—Medical Stores. On 2 wagons, G.S.—Store No. 1 or No. 2. On 3 wagons, G.S.—Sqdn , Baggage No. 1, No. 2, or No. 3. On 3 wagons, G.S.—Sqdn., Supply No. 1, No. 2, or No. 3. On 2 wagons, S.A.A.—S.A. Ammn. No. 1 or No. 2. On 1 carriage, M.G.—Maxim, Mk. , ·303-inch.	
Bde. Div. Staff R.H.A. C. Art. III. A.C.	On 1 cart, Maltese.—Medical Stores. On 1 wagon, A. and S., R.A.—Baggage and Supply.	
"A" R.H.A. 3 Cav. Bde. or "B" R.H.A. C. Art. I. A.C.	On 1 cart, Maltese.—Medical Stores. On 1 wagon, A. and S., R.A.—Baggage. On 1 wagon, A. and S., R.A.—Supply. On 1 wagon, A. and S., R.A.—Tents, &c. On 1 wagon, forge, R.A., with limber. —Forge. On 1 wagon, store, R.A., with limber. —Stores	

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Bde. Div. Staff, R.F.A. C. Art. I. A.C.	On 1 cart, Maltese.—Medical Stores. On 1 wagon, A. and S., R.A.—Baggage and Supply.
63 R.F.A. 3 Inf. Div.	On 1 wagon, A. and S., R.A.—Baggage. On 1 wagon, A. and S., R.A.—Supply. On 1 wagon, A. and S., R.A.—Tents, &c. On 1 wagon, forge, R.A., with limber.—Forge. On 1 wagon, store, R.A., with limber.—Stores.
3 Cav. Bde. Ammn. Col.	On 7 carts, S.A.A.—S.A. Ammn., No. 1, No. 2, No. 3, &c. On 1 wagon, A. and S., R.A.—Baggage. On 1 wagon, A. and S., R.A.—Stores. On 1 wagon, A. and S., R.A.—Supply. On 1 wagon, forge, R.A., with limber.—Forge. On 1 wagon, A. and S., R.A.—Tents.
Reg. Staff, C. Art. II. A.C	On 1 cart, forage.—Baggage and Supply.
II. C.T. Ammn. Column	On 3 carts, S.A.A.—S.A. Ammn., No. 1, No. 2, or No. 3. On 2 wagons, A. and S., R.A.—12-pr., B.L. Ammn., No. 1 or No. 2. On 6 wagons, A. and S., R.A.—15-pr., B.L. Ammn., No. 1, No. 2, or No. 3, &c. On 2 wagons, A. and S., R.A.—S.A. Ammn., No. 1 or No. 2. On 1 wagon, A. and S., R.A.—Stores. On 1 wagon, A. and S., R.A.—Baggage. On 2 wagons, A. and S., R.A.—Supply No. 1, or No. 2. On 1 wagon, forge, R.A., with limber.—Forge. On 2 wagons, A. and S., R.A.—Tents, &c., No. 1, or No. 2.

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Table III—*continued.*

First two lines of the marking which indicate the Unit and the Brigade, Division, &c., of which it forms part.	Last line of marking.	Remarks.
3 Div. Ammn. Column	On 12 carts, S.A.A.—S.A. Ammn., No. 1, No. 2, or No. 3, &c. On 3 wagons, A. and S., R.A.—15-pr. B.L. Ammn., No. 1, No. 2, or No. 3. On 11 wagons, A. and S., R.A.—S.A. Ammn., No. 1, No. 2, or No. 3, &c. On 1 wagon, A. and S., R.A.—Stores. On 1 wagon, A. and S., R.A.—Baggage. On 2 wagons, A. and S., R.A.—Supply No. 1, or No. 2. On 1 wagon, forge, R.A., with limber.—Forge. On 2 wagons, A. and S., R.A.—Tents, &c., No. 1, or No. 2.	
Staff III Ammn. Park	On 1 cart, forage.—Baggage Staff. On 1 cart, Maltese.—Medical Stores.	
1 Section III Ammn. Park	On 4 wagons, A. and S., R.A.—12-pr., B.L. Ammn., No. 1, No. 2, No. 3, or No. 4. On 16 wagons, A. and S., R.A.—15-pr., B.L. Ammn., No. 1, No. 2, or No. 3, &c. On 14 wagons, A and S., R.A.—S.A. Ammn., No. 1, No. 2, or No. 3, &c. On 1 wagon, A. and S. R.A.—Stores. On 2 wagons, A. and S., R.A.—Tents, &c., No. 1, or No. 2. On 1 wagon, A. and S., R.A.—Baggage. On 2 wagons, A. and S., R.A.—Supply, No. 1, or No. 2. On 1 wagon, forge, R.A., with limber.—Forge.	

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B. Pont. Trp. R.E. Corps Eng. II. A.C.	On 1 cart, Maltese.—Medical Stores. On 1 cart, forage.—Supply. On 4 wagons, pontoon, for trestles.—Trestle, No. 1, No. 2, &c. On 2 wagons, G.S., R.E.—Technical, No. 1, or No. 2. On 1 wagon, G.S., R.E.—Baggage. On 1 wagon, G.S., R.E.—Store. On 1 wagon, G.S., R.E.—Supply. On 1 wagon, forge, R.E.—Forge. On 16 wagons, pontoon.—Pontoon, No. 1, No. 2, or No 3, &c.
Reg. Staff Corps Eng., I. A.C.	On 1 cart, forage.—Baggage and Supply.
Field Troop R.E. I Cav. Bde.	On 3 carts, forage.—Baggage No. 1, No. 2, or No. 3. On 3 carts, forage.—Supply No. 1, No. 2, or No. 3. On 6 wagons, S.A.A.—Technical, No. 1, No. 2, No. 3, &c.
1 Tel. Div. R.E. Corps Eng. I. A.C.	On 4 carts, cable.—Cable No. 1, No. 2, No. 3, or No. 4. On 1 cart, forage.—Hd.-Qrs. Baggage and Supply. On 4 carts, forage.—Baggage No. 1, No. 2, No. 3, or No. 4. On 4 carts, forage.—Supply No 1, No. 2, No. 3, or No. 4. On 12 wagons, air line.—Air Line, No. 1, No. 2, No. 3, &c. On 4 wagons, G.S., R.E.—Technical No. 1, No. 2, No. 3, or No. 4. On 1 wagon, G.S., R.E.—Hd.-Qrs. Supply.
Balloon Sec. R.E. Corp. Eng. I. A.C.	On 1 cart, forage.—Baggage and Supply. On 1 wagon, G.S.—Balloon. On 2 wagons, G.S., R.E.—Equipt. No. 1, or No. 2. On 6 wagons, reservoir gas.—Tubes No. 1, No. 2, No. 3, No. 4, &c.

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Table III—*continued.*

First two lines of the marking which indicate the Unit and the Brigade, Division, &c., of which it forms part.	Last line of marking.	Remarks.
Fd. Co. R.E. 3 Inf. Div.	On 1 cart, Maltese.—Medical Stores.	
	On 4 carts, tool, double, R.E.—Technical No. 1, No. 2, No. 3, or No. 4.	
	On 1 cart, forage.—Supply.	
	On 2 carts, forage.—Company No. 1 or No. 2.	
	On 1 wagon, forge, R.E.—Forge.	
	On 2 wagons, pontoon.—Pontoon No. 1 or No. 2.	
Ist Fd. Park R.E. Corps Eng. I. A.C.	On 1 wagon, forge, R.E.—Forge.	
	On 1 wagon, lithograph.—Lithographic.	
	On 1 wagon, printing.—Printing.	
	On 6 wagons, G.S., R.E.—Technical No. 1, No. 2, No. 3, &c.	
	On 3 wagons, reservoir gas.—Tubes, No. 1, No. 2, or No. 3.	
	No. 1 cart, forage.—Baggage.	
	No. 1 cart, forage.—Supply.	
Rail. Co. R.E. C. Eng. I. A.C.	On 1 cart, forage.—Technical.	
Mtd. Inf. 2 Cav. Bde.	On 2 carriages, machine gun { Maxim, ·303-inch, No. / Maxim, ·303-inch, No	
	On 4 wagons, S.A. ammn., with limber { S.A. Ammn. No. 1, No. 2, No. 3, or No.	
	On 1 wagon, G.S.—Store.	
	On 2 wagons, G.S.—Baggage No. 1, or No. 2.	
	On 2 wagons, G.S.—Supply No. 1, or No. 2.	

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1 Manch. R. I. A.C.	On 1 carriage, Machine gun.—Maxim, ·303-inch. On 1 cart, forage.—Tools. On 4 carts, S.A. Ammn.—No. 1, No. 2, No. 3, or No. 4. On 1 cart, Maltese.—Medical Stores. On 1 wagon, G.S.—Baggage. On 1 wagon, G.S.—Stores. On 2 wagons, G.S.—Supply No. 1, or No. 2.	
*Co., A.S.C. II. C.T. Supply Column	On 1 wagon, G.S.—Forge. On 27 wagons, G.S.—Supply No. 1, No. 2, No. 3, &c. On 1 wagon, G.S. On 1 cart, forage.—S.O. Equipt. On 1 cart, water. On 1 cart, water.—S.O. On 1 wagon, G.S.—S.O. Equit. On 4 wagons, G.S.—Supply R.R. No. 1, No. 2, No. 3, or No. 4. On 1 wagon, G.S.—Company.	* No. of Company.
* Co. A.S.C. 2 Div. Supply Column	On 1 cart, forage.—S.O. Equipt. On 1 cart, water. On 1 cart, water.—S.O. On 1 wagon, G.S.—Forge. On 1 wagon, G.S. On 1 wagon, G.S.—S.O. Equipt. On 9 wagons, G.S.—Supply No. 1, No. 2, No. 3, &c. On 1 wagon, G.S.—Supply R.R.	

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Table III—*continued.*

First two lines of the marking which indicate the Unit and the Brigade, Division, &c., of which it forms part.	Last line of marking.	Remarks.
* Co. A.S.C. † Inf. Bde. Supply Column	On 1 cart, forage.—S.O. Equipt. On 2 carts, water.—Hd.-Qrs. No. 1 or No. 2. On 1 cart, water.—S.O. On 1 wagon, G.S.—Forge. On 1 wagon, G.S.—Head-Quarters. On 1 wagon, G.S.—S.O. Equipt. On 13 wagons, G.S.—Supply No. 1, No. 2, No. 3, &c. On 3 wagons, G.S.—Supply R.R. No. 1, No. 2, or No. 3.	* No. of Company. † No. of formation.
* Co. A.S.C. 1 Cav. Bde. Supply Column	On 1 wagon, G.S.—Forge. On 1 wagon, G.S. On 1 wagon, G.S.—S.O. Equipt. On 19 wagons, G.S.—Supply No. 1, No. 2, No. 3, &c. On 1 wagon, G.S.—Supply R.R. On 1 cart, forage.—S.O. Equipt. On 1 cart, forage.—Supply R.R. On 1 cart, water.—S.O.	
* Co. A.S.C. ‡ Field Bakery	On 1 wagon, G.S.—Forge. On 1 wagon, G.S. On 8 carts, water.—No. 1 Section, No. 2 Section, and so on.	‡ No. of Field Bakery.

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§ Bearer Coy. ‖ Cav. Bde.	On 1 cart, water. On 2 carts, forage.—Store No. 1 or No. 2. On 1 cart, forage.—Baggage. On 1 cart, forage.—Supply. On 10 wagons, ambulance.—No. 1, No. 2, No. 3, &c.	§ No. of Bearer Company. ‖ No. and designation of Brigade.
¶ Hospital ** Inf. Bde.	On 1 cart, forage.—Supply. On 1 cart, water. On 2 wagons, G.S.—Baggage No. 1 or No. 2. On 2 wagons, G.S.—Store No. 1 or No. 2.	¶ No. of Field Hospital. ** No. and designation of formation.

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TABLE IV.

DETAILED Marks, on various vehicles, which are to be in addition to the Corps Marks shown in Tables II and III.

ROYAL HORSE AND FIELD ARTILLERY.

	Description of vehicle.	Nature and position of marks.	Examples.
	Gun carriages	Nature of gun and letter of Sub-division on trail, near side.	12-pr. B.L.—D.
	Limbers	Nature of gun, and letter of Sub-division on rear of axletree.	12-pr. B.L.—D.
	Howitzer carriages ...	Nature of howitzer and letter of sub-division on trail, near side.	5-in. B.L.Hr.—D.
	Limbers	Nature of howitzer and letter of sub-division on rear of axletree.	5-in. B.L.Hr.—D.
	Ammunition boxes ...	*Of Limbers and Wagons.*—Letter of Sub-division, in the left top corner of each box in rear.	
71 / 1 / 752	Ammunition and store wagons.	Title of battery on rim of foot-board, wagon number and nature of load, low down on tail-board.	89—R.A. (rim of foot-board). No. 2. Baggage. (tail-board).
	Forge wagon, R.A. ...	Title of battery, and the word "Forge" in rear centres of limber box, limber bed, and wagon body.	U.—R.H.A. / Forge.
	Store wagon, R.A. ...	As for forge wagon R.A., substituting "Stores" for "Forge."	89—R.A. / Stores.

AMMUNITION COLUMNS AND PARKS.

	Gun carriages	Nature of gun on trail, near side ...	12-pr. B.L.
	Limbers	Nature of gun on rear of axletree ...	15-pr. B.L.
	Ammunition boxes ...	No. of sub-division in the left top corner of each box in rear.	
71 / 1 / 752	Ammunition and store Wagons.	Title of unit on rim of foot board, number of wagon, and nature of load, low down on tailboard.	3 Div. Ammn. Col. (rim of foot-board). No. 6.—S.A. Ammn. (tailboard).
	Carts, S.A.A.	Title of unit on centre of front, and number of cart, and the words "S.A. Ammn." on rear.	II. C.T. Ammn. Col. (front). No. 3.—S.A. Ammn. (rear).
	Forge wagons	Title of unit, and the word "Forge" in rear centres of limber box, limber bed, and wagon body.	9 Div. Ammn. Col. Forge.
	Forage cart	Title of unit on centre of front and the words "Baggage Staff" low down on rear.	1 Ammn. Park-Staff (front). Baggage Staff (rear).
	Maltese cart	Title of unit on centre of front and on rear low down the words "Medical Equipt."	1 Ammn. Park-Staff (front). Medical Equipt. (rear).

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Table IV—*continued.*

Mountain Artillery.

Description of vehicle.	Nature and position of marks.	Examples.
Carriages	On near side of trail	2·5-in. R.M.L. 3.
Limbers	On rear of bed	10. M. 7-pr. 200 lbs. R.M.L.
Packsaddlery, cradles ...	In most convenient position	1. M. "Ammunition." 10. M. "Carriage."

Siege Train.

Gun or howitzer carriages.	The words "Siege Train," the number of the Division* in the train, the nature of the piece, and its number in the Division, on near side of trail or bracket.	Siege Train, No. 4 Divn.* 6·6-in. R.M.L. Hr. 4.
Limbers and boxes† ...	The words "Siege Train," the number of the Division in the train, the nature of the piece, and its number in the Division, on rear of bed.	Siege Train, No. 1 Divn., 40-pr. R.M.L. 1.
	Nature of piece, and its number in the Division on left rear of boxes, close to top.	40-pr. R.M.L. 1.
Forge and store wagons.	The words "Siege Train," the number of the Division in the train, and number of the wagon in the Division, on near side of perch.	Siege Train, No. 1 Divn. 2.
	The word "Forge" (or "Store") and the number in the Division low down on rear of wagon.	Forge. 1.
Limbers of forge and store wagons.	The words "Siege Train," the number of the Division in the train, the word "Forge" or "Store," and the number of the wagon in the Division, on rear of bed.	Siege Train, No. 1 Divn. Forge, 2.
	The word "Forge" or "Store," and the number of the wagon in the Division, on the rear of the box.	Forge, 2.
Platform wagons	The words "Siege Train," and the number of the Division in the train, on front of bed.	Siege Train, No. 1 Divn.
	The word "Gun" (or "Gyn and Stores"), and the number of the wagon in the Division, on rear of bed.	Gun. 2.
Platforms	The words "Siege Train," the number of the Division in the train, and the number of the platform in the Division, on end of platform when packed.	Siege Train, No. 4, Divn. 1.

* Divisions Nos. 1, 2, and 3 are heavy; Nos. 4, 5, and 6 are medium, and Nos. 7, 8 and 9 are light.

† In the case of spare carriages the word "Spare" will be substituted for the numeral of the carriage or limber.

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Table IV—*continued.*

Description of vehicle.	Nature and position of marks.	Examples.
Trench carts	The words "Siege Train," and the number of the Division in the train, on the front board. The number of the cart in the Division low down on the tail-board.	Siege Train, No. 1 Divn. 2.
Sling wagons and limbers.	The words "Siege Train," the number of the Division in the train, and the number of the wagon in the Division, on near side of the bed of wagon, and on rear of axletree bed of limber.	Siege Train, No. 1. 2. Divn.
71 / I / 752 Ammunition and store wagons.	The words "Siege Train," and the number of the Division in the train, on the rim of foot board. The nature of the ammunition carried, and the number of the wagon in the Division, low down on the tail-board.	Siege Train, No. 4 Divn. 6·6-in. R.M.L. Hr. 2.
Triangle gyns	The words "Siege Train," the number of the Division in the train, and the number of the gyn in the Division, on the middle part of prypole.	Siege Train, No. 1 Divn. 2.

SIEGE COMPANIES.

Carriages	Title of unit on off side of trail, "Siege Company," and nature of piece on near side of trail.	* E.R.A. Siege Company. 40-pr. R.M.L. 8-in. R.M.L. howitzer.
Limbers	Title of unit, the words "Siege Company," and nature of piece on rear of bed.	...
Ammunition boxes... ...	Title of unit, the words "Siege Company," and nature of piece, on left rear of each box, close to the top.	...
Ammunition and store wagons.	Title of units, the words "Siege Company," and nature of ammunition carried, low down on tail-board.	* S.R.A. Siege Company. 40-pr. } R.M L. (1) 25-pr. } 8-in } R.M.L. Howr. (2). 6·6-in. }
Platform wagons	Title of unit, the words "Siege Company," and nature of service.	W.R.A. Siege Company. Gun. Siege Company. Gyn.
Trench cart	Title of unit, and the words "Siege Company," on tail-board.	* E.R.A., Siege Company.

* Number of company.

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Table IV—*continued.*

MOVABLE ARMAMENT.

Description of vehicle.	Nature and position of marks.	Examples.
Gun carriages	Nature of piece on near side of trail ...	40-pr. R.B.L. 16-pr. R.M.L.
Ammunition boxes ..	Of limbers and wagons. On centre of back	"Movable Armament."
Hand carts	On front board	"Movable Armament."
Trench carts	On front board	"Movable Armament."

TABLE V.

SHOWING nature and size of letters and numerals to be used.

Marking.	Nature of letter or numeral.	Size.
		inches.
Number of Army-Corps	Roman numerals	$1\frac{1}{4}$
Other numbers	Gothic numerals	$1\frac{1}{4}$
Initial letter of each word	Roman capital	$1\frac{1}{4}$
Other letters in each word... ...	Roman capitals...	$\frac{3}{8}$
All letters in abbreviations... ...	Roman capitals	$\frac{3}{8}$

* Number of company

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TABLE VI.

SHOWING "Index number" to be used, *see* para. 7 (*a*) of this Appendix.

Station.	Barracks.	Index No.	Remarks.
York	Battalion ..	51	
Sheffield	Infantry ..	50	
Preston	Fulwood ..	2	
Lichfield	Battalion ..	48	
Manchester ..	Hulme	56	
Colchester	Meanee	44	
,, ...	Hyderabad ..	45	
,, ...	Sobraon.. ..	46	
Warley	Battalion ..	47	
Devonport	South Raglan ..	9	
,, ...	.. .. ..	49	
,, ...	Fort Tregantle..	10	
Plymouth	Crown Hill ..	8	
Pembroke Dock ..	Hut	57	
Portsmouth ..	Cambridge ..	58	
,, ...	Victoria.. ..	75	
Gosport	Barracks ..	24	
Isle of Wight ..	Parkhurst ..	59	
Portland	Verne Citadel ..	11	
Chatham	Chatham ..	60	
,, ...	,, ..	67	
Dover	South Front ..	54	
,, ...	Grand Shaft ..	55	
,, ...	Citadel	61	
Shorncliffe	Moore	52	
Brighton	.. .. ..	53	
London	Wellington ..	5	
,, ...	,, ..	7	
,, ...	Chelsea	6	
,, ...	,, ..	62	
,, ...	Tower	4	
Windsor	Infantry ..	63	
Woolwich	Cambridge ..	3	
Newry	.. .. ..	64	
Aldershot	Albuhera ..	13	
,, ...	Maida	14	
,, ...	Mandora ..	20	
,, ...	Barrosa	12	
,, ..	Corunna ..	15	
,, ...	Malplaquet ..	1	
,, ...	Oudenarde ..	16	
,, ...	Tournay ..	18	
,, ...	Ramilies ..	17	
,, ...	Blenheim ..	19	
,, ...	Talavera ..	22	
,, ...	Badajos.. ..	23	
,, ...	Salamanca ..	21	

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Table VI—*continued.*

Station.	Barracks.	Index No.	Remarks.
Woking	Inkerman ..	26	
Edinburgh	Castle	65	
Glasgow	Maryhill ..	66	
Belfast	Infantry ..	28	
,, ...	Holywood ..	29	
Enniskillen.. ..	Infantry ..	27	
Birr..	,, ..	36	
Dublin	Beggar's Bush ..	37	
,, ...	Richmond ..	38	
,, ...	,, ..	39	
,, ...	Royal	40	
,, ...	Portobello ..	69	
Athlone	Infantry ..	70	
Mullingar	Barracks ..	30	
Curragh	"C" Square ..	41	
,, ...	"H" ,, ..	42	
,, ...	"G" ,, ..	43	
Cork	Infantry, East ..	32	
,, ...	,, West..	33	
Buttevant	Barracks ..	71	
Fermoy	New	34	
,, ...	Old	35	
Kilkenny	Infantry ..	72	
Kinsale	,, ...	73	
Limerick	,, ...	74	
Tipperary	,, ...	31	
Fort George ..	.. .. ..	25	
Strensall	.. .. ..	68	
.. .. ..	.. .. ..	76	
.. .. ..	.. .. ..	77	
.. .. ..	.. .. ..	78	
.. .. ..	.. .. ..	79	
.. .. ..	.. .. ..	80	
.. .. ..	.. .. ..	81	
.. .. ..	.. .. ..	82	Jersey 16/865
.. .. ..	.. .. ..	83	
.. .. ..	.. .. ..	84	
.. .. ..	.. .. ..	85	
.. .. ..	.. .. ..	86	
.. .. ..	.. .. ..	87	
.. .. ..	.. .. ..	88	

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APPENDIX XI.

(Referred to in Paragraph 265B.)

List of Tools and Stores which will be supplied to District Engineers or Commanding Royal Engineers, as the case might be, for the Instruction of the Troops in Military Engineering.

57
Canada
983
54
Eng.
9999

Description of Articles.	For Company of R.E. except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry except Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section, No. 1.												
A.—Accoutrements.												
Caps, knee, Royal Engineers	8	...	6	4	4	...	...	...	...	...	...	
Woolwich Section, No. 2.												
A.—Camp Equipment.												
Axes, felling, curved helve	2	1	2	2	2	2	...	...	...	...	1	
Axes, hand, 2 lbs.	6	3	3	3	3	6	...	...	...	...	...	
Hooks, bill...	20	10	6	6	6	25	12	2	...	...	...	
Mauls, G.S., mark III.	4	2	2	2	2	2	2	...	...	...	2	
Posts, picket, 5-feet	8	4	8	8	8	8	8	8	...	4	8	
Posts, picket, 2½ ,, ...	...	...	...	...	...	...	4	...	...	...	4	

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C.—Tools, &c., for intrenching.														
Axes, pick, heads, 5-lbs.	120	60	50	25	25	150	100	25	...	...	4			
Axes, pick, helves, 34½-ins.	120	60	50	25	25	150	100	25	...	...	4			
Axes, pick, ,, 24 ins.	6	3	...	...	...	...	...	...	...	...	...			
Bags, sand, common	1,000	500	250	250	250	500	500	100	500†	...	...	Annual expenditure 35 per cent.		
Barrows, wheel, mark II., with wheels	...	...	...	...	...	...	...	2	...	...	...			
Barrows, wheel, intrenching, wrenches	...	...	...	...	...	...	...	1	...	...	...			
Bars, crow, 4-feet 6-inches	4	2	1	1	1	2	2	...	...	...	2			
Bars, crow, 3 ,, 6 ,,	4	1	1	1	1	2	2	...	...	...	2			
Chokers, fascine	4	2	2	1	1	8	...	2	...	...	...			
Forks, sandbag	4	2	...	...	...	...	...	...	...	...	...			
Gabions, bands, sets of 10	100	50	50	25	25	20‡	...	10	...	...	...	Annual expenditure 10 per cent.		
Knives, gabion	12	5	5	5	5	25	...	2	...	...	...			
Ladders, scaling, 6 feet (with lashings) §	...	...	...	...	...	...	...	...	...	...	...			
Lamps, tracing	1	1	1	1	1	...	...	...	...	...	...			
Lines, tracing	10	5	6	6	6	12	10	6	...	...	...			
Mallets, fascine	8	5	5	5	5	12	2	2	...	...	...			
Models, bags, sand	...	...	1,000	500	500	200	500	500	...	...	...			
Models, boards, knot, 2 ft. 8 in. × 4 ft. 9 in.	...	...	1	1	1	1	1	...	...	...	1			
Models, fascines	...	...	80	40	...	40	100	150	...	...	...			
Models, gabions, Jones'	...	...	150	100	100	40	150	150	...	...	...			
Models, magazines, rectangular ... sets	...	...	1	1	...	...	...	...	...	...	...			
Models, pins, iron, tracing, large	...	...	50	50	50	...	...	...	...	...	...			
Models, pins, iron, tracing, small	...	...	50	50	50	40	100	...	...	...	...			
Models, platforms, siege, double decked, "C" pivot	...	...	2	1	1	...	...	...	...	...	...			
Models, rods	...	...	6	4	4	4	10	6	...	...	...			
Models, timber, planks, bridging	...	...	45	45	45	...	...	60	...	...	...			
Models, timber, spars, bridging, 8-ft. 9-in., diameter at butt, 2½-in.	...	...	...	...	...	...	...	4	...	...	...			
Models, timber, spars, bridging, 7-ft. 6-in., ,, ,, 2½ in.	...	...	...	...	...	...	...	4	...	...	...			
Models, timber, spars, bridging, 7-ft. 6-in., ,, ,, 1½-in.	...	...	...	...	...	...	...	6	...	...	...			
Models, timber, spars, bridging, 6-ft. 3-in., ,, ,, 2-in.	...	...	4	2	2	...	...	6	...	...	...			
Models, timber, spars, bridging, 5-ft. 6-in., ,, ,, 1½-in.	...	...	8	4	4	...	...	15	...	...	...			
Models, timber, spars, bridging, 5-ft. ,, ,, 1½-in.	...	...	20	10	10	...	...	4	...	...	...			
Models, timber, spars, bridging, 3-ft. 9-in. ,, ,, 2½ in.	...	...	4	2	2	...	...	4	...	...	...			
Models, timber, spars, bridging, 3-ft. 9-in. ,, ,, 1½-in.	...	...	20	20	20	...	...	7	...	...	...			
Models, timber, spars, bridging, 1-in, to 1½-in. diameter feet run	...	...	50	50	50	...	...	50	...	...	...			
Models, timber, splinter proofs	...	...	200	100	100	...	50	50	...	...	...			

57 Gen. No. 911

* Including additional expendible stores for the instruction of the Survey Detachment, R.E. † For the instruction of the Survey Detachment, R.E.

§ Forty ladders with lashings are allowed for use of battalions of infantry and fortress companies, R.E., at Devonport, Dover, Dublin, Edinburgh, Halifax, N.S., Portsmouth, and Tower of London. At Hong Kong, Ceylon, Straits Settlements, and Jamaica, ladders of the ordinary standing or of a locally improvised pattern, are to be used in the proportion of 12 to each station. At other stations 12 scaling ladders with lashings will be allowed for each fortress company, R E., but in these cases, should such articles be available in the army ordnance department as part of any authorized reserve, they will be issued therefrom temporarily for the purpose, and additional ones need not be provided. ‡ Where brushwood is dear.

¶ A few additional stores are allowed specially to this station.

57 Canada 933

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APPENDIX XI—*continued.*

Description of Articles.	For Company of R.E., except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt, and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry, except Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section, No. 2—continued.												
C.—TOOLS FOR INTRENCHING—*continued.*												
57 Gen. No. 911 Pickets, fascine (cradle) ... ... pairs	20	10	5	5	5	40	...	5	...	...	...	
Pickets, gabion, 3 feet	1,500	750	750	375	375	300	...	150	...	...	...	Annual expenditure 25 per cent.
Pickets, tracing, unbarked	100	50	...	...	...	300	...	...	...	100	50	Annual supply.
Rammers, earth	2	2	2	2	2	...	...	2				
Scrapers, earth	4	2	2	1	1							
Shovels, miners, short	6	...	2	2								
Shovels, universal	120	60	50	25	25	150	100	25	...	...	4	
Spades, N.P.	5	3	3	2	2	6	...	2				
Tapes, tracing	10	5	6	6	6	10	...	2	...	...	2	
Wire, iron, galvanized, No. 12 S.W.G. 2-strand, barbed ... ... lbs.	56	28	56	56	56	28	56	...	28†	...	...	Annual expenditure 50 per cent.
D.—MINER'S TOOLS AND STORES.												
Bars, pinching, 3-feet	2	2	1	1	1	2	...	...	...	...	...	
Blowers, rotary	2	...	1	1	...	...	...	...	...	...	...	
Blowers, rotary hose, 1¼-in.	10	...	8	8	...	...	...	...	...	...	...	
Blowers, rotary wrenches, 1¼-inch hose	4	...	3	3	...	...	...	...	...	...	...	

	Buckets, miner's		4	...	2	2									
	Candlesticks, miner's		20												
57 Gen. No. 911	Cases, mining,	common, gallery	20	...	...	...	...	...	...	...	...	...	...		Annual expenditure 20 per cent.
		shaft	40	...	30	30	...	...	...	...	...	...	...		
	Frames, mining,	branch, gallery	6	...	...	...	...	...	...	...	...	—	...		
		common, gallery	8	...	...	...	...	...	...	...	...	...	...		
		shaft	12	...	6	6	...	...	...	...	...	...	...		
		shaft top	2	...	1	1	...	...	...	...	...	...	—		
	Ladders, rope, miner's, 20-feet		3	...	1	1	...	...	...	...	...	...	...		
	Picks, push		6	...	2	2	...	...	...	...	...	...	...		
	Trucks, miner's		4	...	1	1	...	...	...	...	...	...	...		
	Woolwich Section, No. 4.														
	CARTS AND WAGONS.														
	Casks, water, 108 gallons		28‡	28‡	28	28	...	...	...	...	...	28	...		‡ To be provided locally at Singapore; not supplied at Woolwich and Ceylon.
	Woolwich Section, No. 5.														
	Sponges, 7 drachms (Mark I)		...	...	...	...	...	...	...	2	...	...	...		
	Woolwich Section, No. 7.														
	TOOLS, ARTIFICER'S AND LABOURER'S.														
	Augers, screw, bull-nosed,	2-inches	2	1	...	2	...	...	...	...	...	...	...		
		1-inch	2	1	...	2	...	...	...	...	...	...	...		
	screw, common, 1½-inch		2	1											
	handles,	18½-inch	2	1	...	2	...	...	...	...	...	...	...		
		16-inch	2	1	...	2	...	...	...	...	...	...	...		
	Chalk, prepared,	red and blue ...boxes	...	...	...	...	...	...	...	2	...	...	...		Annual supply.
		white ... ,,	1	1	1	1	1	1	1	...	...	...	...		
	Chisels, brick, 18-inches		...	...	...	...	...	...	...	...	...	...	4		
	Dogs, sawyer's	cross, 15-inches	20	20	...	...	...	40	...	...	...	...	...		Annual expenditure 50 per cent.
		straight, 15-inches	20	20	...	...	...	40	...	...	...	...	...		
	Gimlets, spike, ½-inch		2	1											
	Grindstones, F.S., 10-inches		1	1	1	1	1	2	...	1	...	...	...		
	Hammers,	claw, 20-ozs.	4	1	1	1	1	...	...	2	...	...	...		
		collar maker's	...	...	...	...	...	...	2	...	...	...	...		
		smith's, sledge, 12 lbs.	...	...	...	...	...	2	2	...	...	...	...		

* Including additional expendible stores for the instruction of the Survey Detachment, R.E.
† For the instruction of the Survey Department, R.E.

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APPENDIX XI—*continued.*

Description of Articles.	For Company of R.E., except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt, and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry, except Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section, No. 7—continued.												
TOOLS, ARTIFICER'S AND LABOURER'S—*continued.*												
Levels, F.S., 4-feet	4	2	2	1	1	2	1	2	...	...	1	
Mallets, carpenter's	2	1										
Pliers, sidecutting, 7-inch ... ... pairs	4	2	...	...	...	4	6					
Saws, cross-cut, blades, 7-feet	1	1	...	...	...	1	...	...	...	...	1	
Saws, cross-cut, handles .. .. pairs	1	1	...	...	...	1	...	...	...	...	1	
Saws, hand, 26-inch	6	3	2	1	1	1	..	2	...	...	1	
Spikes, marline, iron, 10-inch	10	5	5	5	5	...	...	5	...	...	40	
Trowels, modelling	...	...	20	20	20	20	50					
38407 Equipt. 1983 Wire, iron, No. 24 W.G. ... ... lbs.	10	5	10	10	10	5	10	...	5†	...	...	For fixing barbed wire. Annual supply.
Wire, iron, No. 14 W.G. .. .. ,,	200	100	112	112	112	112	200	...	84†	...	...	Annual expenditure 50 per cent.
Woolwich Section, No. 10.												
A.—IRONMONGERY, &c.												
Nails, iron, spike, No. 184 ... ... lbs.	28	14	...	...	...	100	...	...	...	...	...	Annual supply.
Nails, steel, brad, cut, No. 1 ... ... ,,	...	...	...	...	...	...	½	...	...	...	...	
Nails, steel, clasp, cut, No. 63. ... ... ,,	28	14	...	...	...	14	...	...	...	...	...	
C—ANCHORING, &c., APPARATUS.												
Anchors, boat, 1 cwt.§	4	4	4	4	4	...	...	...	...	4	...	Not supplied at Woolwich and Ceylon.
Chain, iron, crane, ½-inch (in lengths of 12 fms.) fms.	48	48	...	...	...	...	...	...	...	...	...	

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(EQ. R.)

54 Eng. 45

E.—Platelayer's Tools and Railway Plant.												
Bars, crow, platelayer's { 5 feet 7 inches ...	1	...	...	...	...	...	...	...	...	...	...	Only supplied to Districts in which Field Companies, R.E., are stationed.
5 ,, 5½ ,, ...	1	...	...	...	...	...	...	...	...	...	...	
Beaters, { Heads ...	2	...	...	...	...	...	...	...	...	...	...	
Helves ...	2	...	...	...	...	...	...	...	...	...	...	
Clips, lifting ...	2	...	...	...	...	...	...	...	...	...	...	
Dogs, railway, straight, 12-inch ...	20‖	...	...	...	...	...	...	...	...	...	...	
Extractor's, spike, platelayer's ...	1	...	...	...	...	...	...	...	...	...	...	
Gauges, platelayer's, common, 4 feet 8½ inches ...	1	...	...	...	...	...	...	...	...	...	...	
Hammers, platelayer's, { Keying ...	1	...	...	...	...	...	...	...	...	...	...	
Spiking ...	1	...	...	...	...	...	...	...	...	...	...	
Irons, expansion ...	8	...	...	...	...	...	...	...	...	...	...	
Levels, spirit, rule ...	1	...	...	...	...	...	...	...	...	...	...	
Levers, platelayer's ...	1	...	...	...	...	...	...	...	...	...	...	
Plant, railway, old—												
Chairs (complete with trenails and spikes) ...	300	...	...	...	...	...	...	...	...	...	...	
Fishplates ... sets	50	...	...	...	...	...	...	...	...	...	...	
Bolts and nuts for fishplates ...	200	...	...	...	...	...	...	...	...	...	...	
Rails (in 18 feet lengths) ... ...yards	300	...	...	...	...	...	...	...	...	...	...	
Sleepers ...	150	...	...	...	...	...	...	...	...	...	...	
Rail-benders, Vojacek's ...	1	...	...	...	...	...	...	...	...	...	...	
Spanners, platelayer's (to suit nuts) ...	8	...	...	...	...	...	...	...	...	...	...	
Not in Vocabulary.												
Keys, oak, compressed ...	300	...	...	...	...	...	...	...	...	...	...	
Woolwich Section, No. 11.												
A.—Oil, Paint, and Chemicals.												
Chalk, white ... lbs.	1	1	1	1	1	10	1	4	...	...	2	Annual supply.

* Including additional expendible stores for the instruction of the Survey Detachment, R.E.
† For the instruction of the Survey Detachment, R.E.
§ Not included in third set of stores authorised for Aldershot.
‖ Annual supply.

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APPENDIX XI—*continued.*

Description of Articles.	For Company of R.E. except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt, and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry, except Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section. No. 12.												
TIMBER.												
57 Gen. No. 911 Sheeting, miner's ... ... pieces	80	...	20	20	...	...	...	...	...	...	...	Annual expenditure 20 per cent.
Timber—												
Length Diameter												
Spars, bridging service—												
41 feet ... 8 inches mean	4	4	...	...	...	...	...	...	...	...	...	At stations abroad, timber for bridging purposes will be provided locally in all cases where such a course will result in economy. The description of timber will be left to
35 ,, ... 9 ,, ,, ...	...	...	...	...	...	...	...	...	...	4	...	
33 ,, ... 6 ,, ,, ...	10	10	...	...	...	...	...	...	...	...	...	
33 ,, ... 3 ,, ,, ...	4	4	...	...	...	...	...	...	...	...	...	
30 ,, ... 10 ,, ,, ...	2	2	2	2	2	...	...	...	...	...	...	
30 ,, ... 5 ,, ,, ...	...	...	...	...	...	...	...	...	...	14	...	
24 ,, ... 7 ,, ,, ...	2	2	...	...	...	...	...	...	...	...	...	
22 ,, ... 9 ,, ,, ...	4	4	4	4	4	4	4	4	...	...	4	
22 ,, ... 5 ,, ,, ...	...	...	...	...	...	...	...	...	...	4	10	
20 ,, ... 7 ,, ,, ...	...	...	14	14	14	...	...	14	...	...	...	
20 ,, ... 4 ,, ,, ...	4	4	4	4	4	22	22	...	...	4	8	
18 ,, ... 12 ,, ,, ...	2	2	...	...	...	...	...	...	...	...	...	
18 ,, ... 6 ,, ,, ...	10	10	...	...	...	10	10	...	...	...	...	
18 ,, ... 4 ,, ,, ...	2	2	...	...	...	4	4	...	...	...	...	
16 ,, ... 7 ,, ,, ...	...	...	...	...	...	3	3	...	...	...	...	
16 ,, ... 6 ,, ,, ...	15	15	15	15	15	...	...	...	...	...	...	

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16 ,, ... 4 ,, ,, ...	8	8	10	10	10	8	8	4	...	...	...	the discretion of the Commanding Royal Engineers.
15 ,, ... 10 ,, ,, ...	4	4	2	2	2	1	1	1	...	3	1	
15 ,, ... 5 ,, ,, ...	11	11	2	2	2	32	32	2	...	13	6	
13 ,, ... 7 ,, ,, ...	...	...	...	...	...	3	3	...	...	12	...	
12 ,, ... 2½ to 4 inches mean	...	...	...	...	...	...	...	...	...	8	...	
5 ,, ... 3 inches mean	6	6	8	8	8	6	6	6	...	20	...	
2 ,, ... 2 ,, ,, ...	...	...	...	...	...	...	...	...	...	8	...	
Planks, bridging service, 10 feet × 12 in. × 1½ in.	85	85	44	44	44	78	78	34	...	75	...	
Handrails ... ... feet run	170	170	100	100	100	180	180	80	...	...	...	
Timber, slight, length and size immaterial ,,	...	...	100	100	100	...	...	...	...	...	...	Annual supply.
57 Gen. No. 911 — Profiling stuff, 1½ in. × ¾ in. † ... ,,	...	...	...	...	...	...	...	...	...	...	...	
Profiling stuff, (model), ½ in. × ¼ in. ,,	...	...	...	...	...	...	500‡	...	...	...	...	
Woolwich Section, No. 14.												
GARRISON AND SIEGE MOUNTINGS, ETC.												
Handspikes, common, 6-feet	6	3	3	2	2	...	2	2	...	2	2	
Platforms, siege, double-decked, fitted with anchoring arrangements for 6-in. B.L. howitzer ...	1	1	1	1	1							
Woolwich Section, No. 18.												
A.—BLOCKS, CANVAS, CORDAGE, ETC.												
Blocks, malleable iron, 7-in., double	1	1	1	1	1							
Blocks, malleable iron, 7-in., treble	1	1	1	1	1							
Blocks, malleable iron, 7-in., snatch	2	1	1	1	1	...	...	...	...	...	2	
Blocks, malleable iron, 4-in., double	1	1	1	1	1	...	...	1				
Blocks, malleable iron, 4-in., single	2	2	2	2	2	...	...	1				
Cordage, spunyarn, hemp, tarred, 3-thread ... lbs.	40	14	14	7	7	14	10	28	...	7	14	Annual supply.
Cordage, hawser, 3-strand, tarred, 3-inch, 30 to 36 fms. (guys) ...	8	8	8	8	8	8	8	8	...	...	...	Annual expenditure 10 per cent.
Cordage, hawser, 3-strand, tarred, 3-inch, 9 fms. (foot ropes) ...	4	4	4	4	4	4	4	4	...	...	...	
Cordage, hawser, 3-strand, tarred, 2 ,, 15 ,, (falls)	...	...	...	...	...	...	...	...	...	2	...	
Cordage, hawser, 3-strand, tarred, 2 ,, 9 ,, (lashings) ..	...	...	...	...	...	6	6	...	...	...	...	
Cordage, hawser, 3-strand, tarred, 2 ,, 6 ,, ,, ...	12	12	10	10	10	4	4	6	...	...	...	
Cordage, hawser, 3-strand, tarred, 1½ ,, 6 ,, ,, ...	76	76	6	6	6	79	79	6	...	10	10	
Cordage, hawser, 3-strand, tarred, 1½ ,, 2½ ,, ,, ...	...	...	...	...	...	...	...	...	...	30	...	
Cordage, hawser, 3-strand, tarred, 1 ,, 6 ,, ,, ...	35	35	73	73	73	36	36	59	...	...	...	
Cordage, hawser, 3-strand, tarred, 1 ,, 1 ,, ,, § ...	...	...	...	...	...	36	...	...	...	...	36	
Lines, Hambro'	10	5	5	2	2	2	2	6	...	...	1	
Rope, galvanised, steel wire, 3-inch ... fathoms	100	...	...	...	...	...	...	...	...	...	...	
Twine, whipping, coarse ... ... lbs.	7	4	7	7	7	4	4	7	...	...	7	Annual supply.

* Including additional expendible stores for the instruction of the Survey Detachment, R.E.
† Local purchase. Annual supply 10/- per battalion ; 5/- per class. ‡ Annual supply. § For teaching knots.

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APPENDIX XI—*continued.*

Description of Articles.	For Company of R.E., except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt, and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry, except Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section, No. 18—continued.												
B.—SIDE-ARMS, TAMPEONS, &c.												
Selvagees, ordinary, 4-ft.	...	...	..	...	...	...	...	...	...	2		
Woolwich Section, No. 19.												
HALF WROUGHT STORES.												
Brushwood—												
Fascines ... ... bundles	‡	...	...	...	...	‡	...	...	100§	24	..	
Gabions ... ... ,,	‡	...	...	...	...	‡	...	...	100§	...	...	
57 / Gen. No. / 211 — Pickets** (High wire entanglements) ,,	...	...	4	4	4	100	2	...	...	...	...	Annual expenditure 50 per cent. **These pickets can be cut in half for low wire entanglements or fascines.
Woolwich Section, No. 21.												
GUNCOTTON AND GUNPOWDER.‖												
Cordite, $\frac{1}{13}$ ... ... lbs.	20	...	...	...	...	...	...	...	...	...	...	
Guncotton, dry primers F... ... ... ,,	5	3	2	2	2	...	...	...	2§	...	...	Annual supply.
Guncotton, dry primers H... ... ... ,,	5	3	2	2	2	...	...	...	2§	...	...	Annual supply.
Guncotton, wet slabs S (or P) ... ... ,,	15	10	6	6	6	...	...	...	12§	...	...	Annual supply.
Guncotton, wet slabs T (or Q) ... ... ,,	15	10	6	6	6	...	...	...	12§	...	...	Annual supply.
Gunpowder, R.L.G.¶ ... ... ,,	50	25	50	50	50	...	...	...	25§	...	...	Annual supply.
Woolwich Section, No. 22.												
FUZES, ETC.												
Detonators, electric, No. 13	25*a*	12	...	...	...	...	...	...	12§	...	...	Annual supply.
Detonators, No. 8	25*a*	12	15	15	15	...	...	...	12§	...	...	Annual supply.

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	Fuze, instantaneous ... ...yards	100*a*	50	25	25	25	...	...	...	50§	...	...	Annual supply.
	Fuze, safety, No. 9 ... ... fathoms	50*a*	25	12	12	12	...	...	...	25§	...	...	
	Fuzes, electric, No. 14	25*a*	12	...	...	...	...	...	...	...	...	...	
	Matches, Vesuvian ... ...boxes	5*a*	3	2	2	2	...	...	...	3§	...	...	
	Woolwich Section, No. 25.												
	BARRACK AND HOSPITAL STORES. (PART 1.)												
	Boards, black, musketry instruction...	...	...	...	...	...	...	...	1	...	...	...	
	Easels, musketry instruction	...	...	...	...	...	...	...	1	...	...	...	
	Woolwich Section, No. 26.												
57	BARRACK AND HOSPITAL STORES. (PART 2.)												
Ceylon 2000	Casks, water, 54 gallons	30*b*	56†	...	...	...	...	...	...	...	...	...	†For Ceylon only. To be purchased locally.
	Stones, rub, scythe	6	3	1	1	1	6	...	...	...	...	...	
	Woolwich Section, No. 27.												
	B.—TEXTILE STORES.												
	Check, cotton ... ... yards	...	...	...	...	...	...	...	2				
	Gloves, hedging ... ... pairs	3	2	3	3	3	3	3	...	...	...	...	For barbed wire.
	Woolwich Section, No. 28.												
	A.—SUBMARINE MINING STORES.												
	Apparatus, diving, gauntlets ... ... pairs	1	1	...	...	...	...	...	...	...	...	...	
	Exploders, dynamo, electric, quantity	1	1	...	...	...	...	...	...	...	...	...	

* Including additional expendible stores for the instruction of the Survey Detachment, R.E.

‡ For the Royal Engineers three bundles of brushwood, and for Infantry two bundles (one for fascines and one for gabions) per man exercised annually.

§ For the instruction of the Survey Detachment, R.E.

‖ Guncotton will not be demanded for Field Companies, R.E.

Four times the quantity of guncotton and gunpowder, as for a Company, R.E., will be allowed to Gibraltar, and twice the quantity to Malta.

¶ See also Dynamite, and note.

a Will not be demanded for Field Companies, R.E.

Special quantities as under are allowed for the instruction of the Royal Engineers at Gibraltar and Malta—

		Gibraltar.	Malta.			Gibraltar.	Malta.
Detonators,	electric, No. 13...	100	50	Fuze,	instantaneous ... yards	400	200
	No. 8	100	50		No. 9 ... ... fathoms	200	100
				Matches, Vesuvian ... ... boxes		20	10

b Authorized for supply at Malta, Gibraltar, and Aldershot. Two full sets are authorized for Gibraltar and Aldershot, one set will include "casks water, 108 gallons"; and the other, "casks, water, 54 gallons." The third set of stores authorised for Aldershot will not include "casks, water."

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APPENDIX XI.—*continued.*

Description of Articles.	For Company of R.E., except West India and Sierra Leone Fortress Cos., R.E.	For Half-Company of R.E. at Ceylon, Esquimalt, and Singapore.	West India Fortress Coy., R.E.		Sierra Leone Fortress Coy., R.E.	For Battalion of Infantry, except St. Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Infantry at Mauritius, Barbados, St. Lucia, St. Helena, and Ceylon.	For Staff Officer for Instruction.	Extra stores specially authorised.			Remarks.
			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section, No. 28—cont.												
F.—PONTOON STORES.§												
Pontoons—												
Baulks, mark II.	...	...	...	...	...	...	...	...	15	...	...	
Buoys	4	4	4	4	...	...	...	...	...	4		
Cables	4	4	4	4	...	...	...	...	...	4	...	
Chesses	...	...	...	...	...	...	...	...	54	...	30	
Hooks, boat, 11-feet 7½-inches	2	2	2	2	...	...	...	...	...	2	...	
Lashings, oar	4	4	4	4	...	...	...	...	...	4	...	
Lashings, transoms, 16-feet...	32	32	32	32	...	...	...	...	...	32	...	
Lines, breast, 60-feet...	12	12	12	12	...	...	...	...	...	12	...	
Oars, ash, leathered, 12-feet...	14	14	14	14	...	...	...	...	...	14	...	
Sticks, rack	48	48	32	32	32	40	40	24	...	...	...	
Transoms, mark III.	...	...	...	...	...	...	...	...	2	...	...	
Trestles	...	...	...	...	...	...	...	...	2	...	...	
Pontoons, barrel pier:—												
Baulks, mark II.	20	20	20	20	...	...	...	...	...	14	...	
Braces	48	48	48	48	...	...	...	...	...	48	...	
Gunwales, 21 ft. × 5 in. × 4 in.	8	8	8	8	...	...	...	...	...	8	...	
Outriggers, mark II	4	4	4	4	...	...	...	...	...	4	...	
Ribands...	8	8	8	8	...	...	...	...	6	...	...	

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Slings	8	8	8	8	...	...	...	...	...	8	...	
Tie baulks	8	8	8	8	...	...	...	...	...	...	...	
Ways, launching ... ... pairs	1	1	1	1	...	...	...	...	...	1	...	Not supplied at Woolwich and Ceylon.
Woolwich Section, No. 29.												
A.—Telegraph and Survey Apparatus, &c.												
Batteries, Leclanché, telegraph, 10-cell	2	2	...	...	...	...	...	...	...	...	...	
Boards, sketching	...	...	...	...	...	...	...	2	...	...	...	
Boxes, testing and jointing, filled	1	1	...	...	...	...	...	...	...	...	...	
Chains, measuring, 66-feet	..	...	...	...	...	...	...	1	...	...	...	
Clinometers, mirror	...	...	...	...	...	...	...	1	...	...	...	
Compasses, prismatic	...	...	...	...	...	...	...	6	...	...	...	
Instruments, drawing, R.E. ... ... sets	...	...	...	...	...	...	...	1	...	...	...	
Levels, pocket	...	...	...	...	...	...	...	2	...	...	...	
Protractors, ivory, 6-inch	...	...	...	...	...	...	...	6	...	...	...	
Rods, measuring, common, 6-feet	10	5	6	3	3	6	10	4	...	...	2	
Rulers, { flat, ebony, 2-feet	...	...	...	...	...	...	...	1	...	...	...	One only for Ceylon.
Rulers, { parallel, rolling, 1-foot 6-inches	...	...	...	...	...	...	...	1	...	...	...	
Scales, mathematical, boxwood, No. 3 ... set	...	...	...	...	...	...	...	1	...	...	...	
Sextants, pocket	...	...	...	...	...	...	...	2	...	...	...	
Tables, plane, large	...	...	..	...	...	...	...	1	...	...	...	
Tapes, measuring, 50-feet	2	1	2	2	2	1	...	2	...	...	2	
Wire, covered, C 8 † ... ... miles	½	½	...	...	...	...	...	...	...	...	...	
D.—Range Finding Stores.												
54/E/114 Mekometers, ‖ { left	...	...	...	...	...	...	...	...	...	...	...	
54/E/114 Mekometers, ‖ { right	...	...	...	...	...	...	...	...	...	...	...	
54/E/114 Mekometers, ‖ { cords and reels ... ... sets	...	...	...	...	...	...	...	...	...	...	...	

* Including additional expendible stores for the instruction of the Survey Detachment, R.E.

§ Not included in third set of stores authorised for Aldershot.. Only half the quantities of Pontoon Stores shown in column 2 allowed for Singapore, except "Ways, launching," of which one pair will be allowed.

54/E/114 † 100 yards may also be expended annually.

54/E/114 ‖ Two sets of mekometers will be held on charge by C.R.E. at each of the following stations for use of R.E. companies other than field companies:—Aldershot, Bermuda, Gibraltar, Malta.

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			Jamaica.	St. Lucia.					For Royal Engineers at Curragh.*	For Infantry at Dublin.	For Infantry, Tower of London.	
Woolwich Section No. 31.												
OLD STORES.												
Cordage, old, for teaching knots ... ... lbs.	28	14	14	10	10	28	...	28	...	...	28	Annual supply.
NOT IN VOCABULARY.												
Dynamite† ... ... lbs.	10	10	...	...	...	...	...	...	10‡	...	...	Provided locally. Annual supply.
Models { elementary ... ... sets	...	...	...	...	...	...	...	2	...	...	...	
Models { uncontoured, 6 to a set ... ... ,,	...	...	...	...	...	...	...	1	...	...	...	
Pans, warming, for thawing dynamite	1	...	...	...	...	...	...	...	...	...	...	
Pickets, { 5-feet	100	50	50	50	50	100	100	...	...	...	...	Annual supply for wire entanglements.
Pickets, { 2-feet 6-inches	200	100	100	100	100	200	200	...	...	...	...	
Presses, for storing instruments, paper, etc. ..	...	...	...	...	...	...	...	1	...	...	...	
Straw ... ... trusses	20	10	...	...	...	...	...	...	10‡	...	...	Local purchase. Annual supply.
Tanks, for water and waste for class-room (R.M.A. pattern)	...	...	...	...	...	...	...	1	...	...	...	
SUPPLIED FROM WAR OFFICE.												
Smooth drawing paper, "War Office, Columbia," sheets	...	...	...	...	...	...	...	30	...	...	...	
Paper, ruled, for prismatic compasses ... ,,	...	...	...	...	...	...	...	10	...	...	...	

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Paper, large, coarse, called "endless paper," for maps and diagrams ... ... rolls	...	...	...	...	...	...	...	1	...	...	...
Indian ink... ... ... cakes	...	...	...	...	...	...	...	2	...	...	...
Boxes of moist colours, complete, with large, medium, and small brushes	...	...	...	...	...	...	...	1	...	...	...
Lead pencils, "F" ... ... dozs.	...	...	...	...	...	...	...	2	...	...	...
Lead pencils, "H" ... ... ,,	...	...	...	...	...	...	...	2	...	...	...
Lead pencils, "HH" ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
Lead pencils, "HB" ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
Pens, hachuring (Gillott's litho') ... ... ,,	...	...	...	...	...	...	...	2	...	...	...
Pens, printing ... ... ,,	...	...	...	...	...	...	...	2	...	...	...
Swan quills, steel pens ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
Examples in mezzotint shading, according to Colonel Richards' scale of shade in mezzotint ...	...	...	...	...	...	...	...	12	...	...	...
Woolwich Academy examples... ... ... sets	...	...	...	...	...	...	...	12	...	...	...
Rough saucers	...	...	...	...	...	...	...	3	...	...	...
Smooth ,, ...	...	...	...	...	...	...	...	3	...	...	...
India-rubber, bottle ... ... pieces	...	...	...	...	...	...	...	1	...	...	...
Erasers, ink	...	...	...	...	...	...	...	1	...	...	...
Conventional signs	...	...	...	...	...	...	...	20	...	...	...
Engineering, manual of military, 1901 copies								2			
,, instruction in military, Parts I to VI sets	...	...	...	...	...	...	...	1	...	...	...
Topography, textbook of military, 1898 copies	...	...	...	...	...	...	...	1	...	...	...
Law, manual of military, 1899 ... ,,	...	...	...	...	...	...	...	1	...	...	...
Army List ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
King's Regulations ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
Field book for surveying ... ... ,,	...	...	...	...	...	...	...	1	...	...	...
Cloth, tracing, 36 inches wide... ... ... yards	...	...	...	...	...	...	...	5	...	...	...
Calico, glazed, for mounting plans, 30 ins. wide ,,	...	...	...	...	...	...	...	20	...	...	...

* Including additional expendible stores for instruction of the Survey Detachment, R.E.

† At stations where dynamite cannot be provided locally, it will not be supplied, but twice the quantities of gunpowder included in this Appendix, page 238, may be drawn.

Special quantities (or gunpowder in lieu) are allowed to Gibraltar and Malta, viz.:—

Gibraltar	80 lbs.
Malta	40 lbs

‡ For the instruction of the Survey Detachment, R.E.

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APPENDIX XII.

(Referred to in Paragraph 265c.)

LISTS OF TOOLS AND STORES FOR INSTRUCTION OF HORSE OR FIELD ARTILLERY IN MILITARY ENGINEERING.

List A.—General list of stores required by batteries of horse and field artillery for performing all the operations mentioned in Field Artillery Drill, Chapter V, Sections 1, 2, and 3.

List A.

Description of Stores.	No. allowed.	Remarks.
Woolwich Section, No. 2.		
A.—Camp Equipment.		
Mauls, G.S.	4*	
Posts, picket, 2½-ft.	20*	
Ropes, picketing, tarred	4*	
C.—Tools, &c., for Intrenching.		
Axes, pick, heads, 6½-lb.	8*	
Axes, pick, helves, 34½-in.	8*	
Spades, N.P.	8*	
Woolwich Section, No. 4.		
Carts and Wagons.		
Casks, water, 108 gallons..	21	
Woolwich Section, No. 12		
Timber.		
Timber—		
Planks, bridging, service—		
10 ft. by 12 in. by 1½ in... ..	45	
Spars, bridging, service—		
Length. *Diameter.*		
40 feet at tip, 4 ins. to 6 ins...	1	
35 ,, mean, 10 ins.	1	
24 ,, ,, 5 ins.	20	
15 ,, at butt, 10 ins. ..	4	

* The stores forming the equipment of the battery under instruction will be available to make up these quantities.

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List A—*continued.*

Description of Stores.	No. allowed.	Remarks.
Woolwich Section, No. 13.		
Field Artillery Carriages, &c.		
Limbers, field	1*	
Woolwich Section, No. 14.		
Garrison and Siege Mountings, &c.		
Handspikes, common, 6-ft.	2	
Woolwich Section, No. 18.		
A.—Blocks, Canvas, Cordage, &c.		
Blocks, wood, snatch, 8-in.	1	
Cordage, spunyarn, hemp, tarred, 3-thread lbs.	14	To be replaced as expended.
Cordage, tarred, 3-in., 9 fathoms	1	
Cordage, tarred, 2½-in., 30 fathoms (falls)	1	
Cordage, tarred, 1½-in., 5 fathoms (lashings)	40	Annual expenditure 10 per cent.
Cordage, tarred, 1-in., 3½ fathoms ,,	10	
B.—Side-arms, Tampeons, &c.		
Ropes, drag, light, G.S. .. .. pairs	12*	
Woolwich Section, No. 28.		
F.—Pontoon Stores.		
Braces, barrel pier	36	
Woolwich Section, No. 29.		
A.—Telegraph, Survey Apparatus, &c.		
Rods, measuring, common, 6-ft. ..	1	
Tapes, measuring, 50-ft.	1	
Not in Vocabulary.		
Poles, wood, limber, field	8*	
Tackles, luff, tarred, 2½-in. rope, 10 fathoms, with one double and one single 8-in. Admiralty blocks, single sets	2	
Wheels, travelling, 2nd class, metal nave, field	4*	

57
Gen. No.
911

* The stores forming the equipment of the battery under instruction will be available to make up these quantities.

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APPENDIX XII—*continued.*

LIST B.—List showing the Stores required for the several operations.

Operation.	Nature of Stores.	Stores required.	Remarks.
Steep inclines.	Axes, pick, helved, 6½ lbs.	2	
	Lashings, tarred, 1½-in., 5 fms.	8	
	Mauls, G.S.	2	
	Posts, picket, 2½-ft.	6	
	Ropes, picketing, tarred..	2	
	Spades, N.P.	2	
Passing a ravine on two spars laid horizontally. (If four spars are available 12 lashings will be required).	Axes, pick, helved, 6½ lbs.	2	
	Lashings, tarred, 1½-in., 5 fms.	4	
	Posts, picket, 2½-ft.	2	
	Ropes, drag, light, G.S.	6	
	Spades, N.P.	2	
	Timber, spars, 15 ft. to 20 ft. mean diam. 10-in.	2	
Using limber to support the road bearers.	Axes, pick, helved, 6½ lbs.	2	
	Lashings, tarred, 1½-in., 5 fms.	14	
	Lashings, tarred, 1-in., 3½ fms.	10	
	Limbers, field	1	
	Posts, picket, 2½-ft.	4	
	Ropes, drag, light, G.S.	4	
	Spades, N.P.	2	
	Mauls, G.S.	2	
	Timber, planks, 10 ft. by 12 in. by 1½ in. ..	40	
	Timber, spars, 24 ft. by 5 in. mean ..	14	
	Timber, spars, 15 ft by 10 in. at butt ..	4	

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Cask raft, for gun and limber.	Braces, barrel pier	12
	Casks, water, 108 gallons	8
	Lashings, tarred, 1½-in., 5 fms	12
	Ropes, drag, light, G.S. .. .. pairs	6
	Ropes, picketing, tarred	2
	Poles, wood, limber, field	4
	Timber, planks, 10 ft. by 12 in. by 1½ in...	4
	Timber, spars, 24 ft. mean diameter 5 in...	3
	Boat hooks	2
Cask raft for gun, limber, and team.	Braces, barrel, pier	36
	Casks, water, 108 gallons	21
	Lashings, tarred, 1½-in., 5 fms.	40
	Ropes, drag, light, G.S. .. .. pairs	2
	Ropes, picketing, tarred	1
	Timber, 10 ft. by 12 in. by 1½ in.	45
	Timber, 24 ft. mean diameter 5 in... ..	20
	Boat hooks	4
Swinging derrick at end of jetty.	Blocks, wood, 8-in. snatch, Admiralty ..	1
	Blocks, wood, 8-in. double, bothway ..	2
	Cordage, tarred, spunyarn, hemp, 3-thread lbs.	7
	Falls, tarred, 2½-in., 30 fms.	1
	Lashings, 1½-in., 5 fms...	16
	Axes, pick	2
	Spades, N.P.	4
	Wheels, field	3
	Mauls, G.S.	4
	Posts, picket, 2½-ft.	20
	Ropes, drag, light, G.S. .. .. pairs	6
	Ropes, picketing, tarred	4
	Ropes, tarred, 3-in., 9 fms.	1

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APPENDIX XII—*continued.*

Operation.	Nature of Stores.	Stores required.	Remarks.
	Tackles, luff, complete .. .. single sets	2	
	Timber, spars, 40 ft. at tip 4 in. to 6 in.	1	
	Timber, spars, 35 ft. by 10 in. mean	1	
	Timber, spars, 15 ft. by 10 in. at butt	1	
Epaulments, gun pits, shelter trenches.	Axes, pick, helved. 6½ lbs.	1	For each man of the working party, and 10 per cent. spare.
	Spades, N.P.	1	

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APPENDIX XIII.

(Referred to in Paragraph 265c.)

LISTS OF TOOLS AND STORES FOR INSTRUCTION IN MILITARY ENGINEERING FOR A REGIMENT OF CAVALRY.

Stores for the Instruction of Cavalry Pioneers in Military Engineering.

Description.	Stores required.	Subject for which required.	Remarks.
Woolwich Section, No. 2.			
A.—Camp Equipment.			
Hooks, bill	3	For bivouacs and huts.	
Mauls, G.S.	1	For bridging.	
Posts, picket, 5 ft.	4	" "	
C.—Tools, &c., for Intrenching.			
Mallets, fascine	2	For bivouacs and huts.	
Woolwich Section, No. 4.			
Carts and Wagons.			
Carts, water tank, taps	1	For water supply.	
Casks, water, 108 gallons (with bung near bottom to fit tap) ..	1	" "	

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APPENDIX XIII—*continued.*

	Description.		Stores required.	Subject for which required.	Remarks.
	WOOLWICH SECTION, No. 7.				
	Tools, Artificers' and Labourers'.				
	Hammers, claw, 14 oz.		1	For water supply.	
	Saws, hand, 26-in.		1	" "	
	Wire, copper, No. 28 W.G.	oz.	6	For demolitions ..	Annual supply.
	Wire, iron, soft, No. 14 W.G.	lbs.	30	For obstacles	" "
	WOOLWICH SECTION, No. 10.				
	A.—Ironmongery, &c.				
57 / Gen. No. / 911	Nails, wire, French, 2-in.	lbs.	3	For water supply.	Annual supply.
	E.—Platelayers' Tools, &c.				
57 / Gen. No. / 911	Plant, railway, old, chairs		12	For demolitions.	Annual supply.
	Plant, railway, old, keys, wooden		12	" "	
	Plant, railway, old, rails, lengths of 6 yards		2	" "	
	Plant, railway, old, sleepers		6	" "	
	WOOLWICH SECTION, No. 12.				
	Timber— *Timber.*				
	Planks, bridging, service, 10 ft. × 12 in. × 1½ in.		25	For bridging.	

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	Spars, bridging, service—				
	Length. Diameter.				
	16 feet, mean 4 inches		1	,, ,,	
	16 ,, ,, 3 inches or 4 inches		2	,, ,,	
	15 ,, at butt 6 inches		12	,, ,,	
	15 ,, mean 4 inches..		4	,, ,,	
	14 ,, ,, 8 inches or 9 inches		3	,, ,,	
	12 ,, ,, 3 inches..		4	,, ,,	
57 / Gen. No. / 911	Deals, Baltic, yellow, 9 in. × 1 in.	ft. run	40	For water supply.	Annual supply.
	Old	tons	¼	,, ,,	

WOOLWICH SECTION, No. 18.

A.—Blocks, Canvas Cordage, &c.

Cordage,	hawser, 3-strand, tarred, 1½-in. (in lengths of 5 fathoms)	fms.	100	For bridging.	Annual supply.
	spun yarn, hemp, 1-thread, tarred	lbs.	10	For bivouacs and huts	

WOOLWICH SECTION, No. 19.

Half Wrought Stores.

Brushwood, fascines	bundles	40	For bivouacs and huts	Annual supply.

WOOLWICH SECTION, No. 21.

Filled Cartridges, &c.

Guncotton,	dry primers, F	lbs.	1⅓	For demolitions ..	Annual supply
	wet slabs, S (or P) (½ slab)	,,	1	,, ,, ..	,, ,,

(E.Q. R.)

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APPENDIX XIII—*continued.*

Description.	Stores required.	Subject for which required.	Remarks.
WOOLWICH SECTION, No. 22.			
Fuzes, Rockets, Tubes, &c.			
Fuze, instantaneous .. .. yards	30	For demolitions ..	Annual supply.
Fuze, safety, No. 9 .. .. fms.	8	,, ,, ..	,, ,,
Detonators, No. 8	50	,, ,, ..	,, ,,
WOOLWICH SECTION, No. 28			
F.—Pontoon Stores.			
Pontoons, sticks, rack	12	For bridging.	
Not in Vocabulary.			
57 / Gen. No. / 911 Gravel (as required, on the spot)	..	For water supply.	Annual supply.
Poles, hutting, 2-in. to 3-in. diameter, 12-ft. lengths	50	For bivouacs and huts	,, ,,
Pickets, wood, 2-ft. 6-in.	50	For obstacles	,, ,,
Sand, coarse .. .. bushels	4	For water supply ..	,, ,,
Straw, thatching, wheat .. .. tons	½	For bivouacs and huts	,, ,,

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APPENDIX XIV.

MATERIALS FOR REPAIR OF HARNESS AND SADDLERY.

1. In calculating for establishments beyond those given, the higher numbers should be used, and columns added together, as far as possible. For example :—

20 sets $= \frac{1}{2} \times 40$ not 4×5.
49 „ $= 40 + 8$ „ 10×5.

A variation of two sets may be disregarded.

2. Infantry battalions having three or four sets of harness will draw for five sets, which will include their universal saddlery.

3. Hides and backs should be cut lengthwise from neck to butt, when it is necessary to divide them into proportions.

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Materials for Repair of

TABLE 1.	Peace—12 Months'				
		Harness.			
	Officers.	Single Sets.			
	5 Sets.	5	8	25	40
Woolwich Section, No. 5.					
38407 Equipt. 2008 — **Bits,** portmouth reversible — chains, curb ..	1	1	1	4	6
Bits, portmouth reversible — hooks ,, ..	1	1	1	5	8
Protectors, cloak	..	..	..	1	2
Saddle-trees, flaps, drivers' .. pairs	..	..	1	2	3
Saddle-trees, flaps, luggage .. ,,	..	..	1	2	3
Saddle-trees, flaps, officers' .. ,,	1	..	..	..	..
Saddle-trees, seats, drivers'	..	..	1	2	3
Saddle-trees, seats, luggage	..	..	..	1	2
Saddle-trees, seats, officers'	1	..	..	..	..
Traces, attachments, steel releasable	..	..	..	1	2
Traces, chains, wheel, steel ..	..	..	..	1	2
Traces, hooks (with rubber ring)..	..	..	..	1	2
Traces, rings (rubber)	..	10	16	50	80
Traces, short, hooks, Mark II, pole draught	..	..	..	1	2
Woolwich Section, No. 6.					
38407 Equipt. 2008 — **Bits,** bridoon, pattern '84 — chains, 6 links ..	..	1	1	3	5
Bits, bridoon, pattern '84 — ,, 5 ,, ..	..	..	..	..	..
Bits, port-mouth, chains, curb ..	..	..	..	..	..
Bits, port-mouth, hooks, ,, ..	..	..	..	..	..
Buckets, carbine, magazine; dees ..	..	..	..	..	..
Attachments, V-girth .. pairs	..	..	1	2	3
Basils, brown, strained	1	*	*	*	*
Basils, brown, unstrained	..	2	4	12	20
Blankets, saddle, cuttings .. lbs.	..	½	¾	2	3½
Bosses, bit, O.P.	1	1	1	3	5
Bosses, ,, N.P.	..	..	..	..	..
Bosses, breastplate with (washers)	..	..	..	..	..
Bosses, head collar officers' ..	1	..	..	..	..

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Harness and Saddlery.

Supply.				War.		Remarks.
Saddlery.				3 Months' Supply.		
Sets.				Harness.	Saddlery.	
6	15	40	100	50 Double Sets.	100 Sets.	
1	2	7	15	4	4	
1	2	9	20	8	8	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	2	..	R.A. only.
..	..	..	..	1	..	R.A. only.
..	..	..	..	3	..	
..	..	..	..	..	..	For use with the special wheel hook.
..	..	..	..	..	..	R.A. only.
1	2	5	12	3	3	Not for mounted infantry.
1	2	5	12	..	3	Mounted infantry only.
1	2	7	15	..	4	
1	3	9	20	..	8	
..	..	1	3	..	..	For regiments having lances.
1	1	3	8	..	..	Not for luggage or O.P. transport saddles.
*	*	*	*	..	..	* 6 per 100 pairs hair pannels in use for "Peace."
..	..	..	..	6	..	
½	1½	5½	8	..	..	
1	2	5	12	..	..	
1	2	5	12	..	..	Cavalry only, Mark II bit.
1	2	4	8	..	..	
..	..	..	..	..	..	

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Materials for Repair of

TABLE 1—*continued.*

	Peace—12 Months'				
		Harness.			
		Single Sets.			
	Officers. — 5 Sets.	5	8	25	40
Woolwich Section, No. 6—cont.					
Buckles, brass roller, double, $1\frac{1}{8}$-inch ..	1	..	..	..	..
1 ,, ..	1	..	..	..	..
$\frac{7}{8}$,, ..	1	..	..	..	..
$\frac{3}{4}$,, ..	1	1	2	4	8
$\frac{5}{8}$,, ..	1	..	..	..	.
38407 Equipt. 2008 — brass roller, single, 1 ,, ..	..	..	..	1	2
$\frac{3}{4}$,, ..	..	1	1	2	3
iron, roller, barred, double roller, $\frac{7}{8}$-inch	..	1	1	2	4
black japanned roller, single, $1\frac{3}{8}$-inch	..	1	1	5	8
double, barred, $1\frac{1}{4}$-inch, curved	1	1	1	2	3
double, $1\frac{1}{4}$-inch	..	1	1	2	4
double, 1 ,, curved ..	..	.	..	..	..
double, 1 ,, ...	..	1	1	2	3
double, $\frac{7}{8}$,, ...	..	1	1	2	4
single, $2\frac{1}{4}$,, bow leg ..	..	..	1	1	2
single, $2\frac{1}{4}$,, straight leg	..	..	1	1	2
single, 2 ,, bow leg ..	..	..	1	2	3
single, $1\frac{3}{4}$,, ,, ..	..	..	1	1	2
single, $1\frac{3}{4}$,, straight leg	..	..	1	1	2
single, $1\frac{1}{2}$,, bow leg ..	..	1	2	5	8
38407 Equipt. 2008 — single, 1 ,, barred ..	1	1	2	5	8
single, 1 ,, short leg ..	..	..	..	..	..
single, $\frac{3}{4}$,, ...	..	1	1	5	8
single, $\frac{5}{8}$,, ...	..	..	..	..	.
tinned, inlet, $\frac{5}{8}$-inch ..	..	..	1	1	2
tinned, roller, $1\frac{1}{4}$-inch ..	..	..	1	1	2
bent heel, $1\frac{3}{8}$-inch ..	..	..	1	2	4
bent heel, 2 ,, ..	..	..	1	1	2
Cord, cotton .. .. .. yds.	..	1	2	6	10
Cord, whip .. .. .. lbs.	..	$\frac{1}{2}$	$\frac{3}{4}$	2	$3\frac{1}{2}$
Dees, iron, $1\frac{1}{8}$-inch	..	..	..	..	..
Dees, iron, 1 ,, ...	..	..	..	..	..
Facings, lambskin, R.A. .. sets	1	..	..	..	..
Facings, lambskin, A.S.C. .. ,,	1	..	..	..	..
Felt, brown, 43 inches wide inches	..	5	5	10	15

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Harness and Saddlery—*continued.*

Supply.				War.		Remarks.
Saddlery.				3 Months' Supply.		
Sets.				Harness.	Saddlery.	
6	15	40	100	50 Double Sets.	100 Sets.	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
1	3	7	16	3	3	
..	..	..	..	..	..	
..	..	..	..	..	..	Luggage saddles only.
1	2	3	8	3	3	
..	..	..	..	2	..	
1	3	8	18	..	..	For stable-head collars.
1	2	5	12	3	3	
1	2	4	8	3	3	
..	1	3	6	..	..	For carbine buckets.
1	1	2	4	9	3	
1	2	4	8	3	..	
..	..	..	..	..	..	For shaft draught, $2\frac{1}{4}$-inch backbands and tugs.
..	..	..	..	..	..	
..	..	..	..	3	..	
..	..	..	..	6	..	For shaft draught, $1\frac{3}{4}$-inch backbands and tugs.
..	..	..	..	..	..	
..	..	..	..	9	..	
1	3	8	20	6	6	For girths.
..	2	4	10		6	For mounted Infantry.
1	3	8	20	9	6	
..	2	4	8	..	..	For regiments having lances.
..	1	2	4	..	..	
..	1	2	4	6	6	V-girth attachment.
..	..	..	..	..	..	For R.A. new pattern harness.
..	..	..	..	..	..	
..	..	..	..	6	..	
..	..	..	..	$1\frac{1}{2}$	..	
1	2	3	4	..	..	For mounted infantry
1	2	3	4	..	..	
..	..	..	..	..	..	R.A. and R.E.
..	..	..	..	..	..	A.S.C. on
5	5	12	28	10	10	

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Materials for Repair of

TABLE 1—*continued.*

	Peace—12 Months'			
	Officers.	Harness.		
		Single Sets.		
	5 Sets.	5	8	25	40
Woolwich Section, No. 6—cont.					
Flock .. .. lbs.	..	½	1	3	5
Hair, horse, saddlery	*	*	*	*	*
Hides, brown — backs — bridle	¼	..	..	..	..
Hides, brown — backs — collar	¼	¼	½	1½	2
Hides, brown — backs — heavy	..	¼	½	1	1½
Hides, brown — cloak	..	..	..	$\frac{1}{6}$	$\frac{1}{3}$
Hides, brown — light	..	..	..	¼	¼
Hides, brown — shoulders	..	..	..	½	1
Links, double, short trace ..	..	..	..	1	2
Links, curved, 2-inch, breeching	..	..	..	1	1
38407 Equipt. 2032 **Pipes,** trace, strips, wheel, 16-inch ..	..	1	2	5	8
Plates, brass, head-collar	..	1	2	5	8
Plates, ,, V-attachment ..	..	1	1	3	4
Rings, brass — 1½-inch	1	..	..	..	..
Rings, brass — 1¼ ,, ...	1	..	..	..	..
Rings, brass — 1 ,, ...	1	..	..	..	..
Rings, iron — 1¾ ,, slight	..	..	..	1	2
Rings, iron — 1¾ ,, stout	..	..	..	..	..
Rings, iron — 1¼ ,, ...	..	..	..	1	2
Rings, iron — 1⅛ ,, ...	..	..	..	..	..
Rings, iron — black japanned, 1¾-inch	..	..	..	1	2
Rivets, brass, head collar	..	15	20	65	100
Rivets, carbine bucket, with washers	..	..	..	..	..
Rivets, copper, ½-inch, No. 6 W.G., with washers	..	3	4	14	20
Saddletrees — flaps, universal pairs	..	..	..	..	..
Saddletrees — seats ,, ..	..	..	..	..	..
Skins, lamb, black, for repairs ..	1	..	..	..	..
38407 Equipt. 2008 **Squares,** iron — black japanned 1¼″ × 1¾″	..	..	1	1	2
Squares, iron — barred, black japanned..	..	..	1	1	1
Squares, iron — 1½-in., breeching ..	..	..	..	1	1
Rollers, for 1¾-inch buckles	..	1	1	2	4
Serge, collarmakers' .. .. yds.	‖	‖	‖	‖	‖

* Hair pannels only, 7 lbs. per 25 pairs.
‡ Harness A.S.C. only.
‖ 2¼ yards for each 25 pairs hair pannels in use.

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Harness and Saddlery—*continued.*

Supply.				War.		Remarks.
Saddlery.				3 Months' Supply.		
Sets.				Harness.	Saddlery.	
6	15	40	100	50 Double Sets.	100 Sets.	
..	..	..	..	..	..	
*	*	*	*	6†	..	
..	$\frac{1}{4}$	$\frac{1}{2}$	$1\frac{1}{4}$	..	..	
$\frac{1}{4}$	$\frac{1}{2}$	$1\frac{1}{4}$	3	$\frac{3}{8}$	$\frac{3}{8}$	
..	..	..	..	$\frac{3}{10}$	..	
..	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{8}$†	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	For R.A. only.
..	..	..	..	1	..	
..	..	..	..	3	..	
1	3	8	20	..	..	For Mark III (cavalry pattern), head collar.
1	2	4	10	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
..	..	2	2	..	..	
..	..	..	..	..	..	1 per 25 pairs saddlery traces in use.
..	1	2	2	..	..	
..	1	2	2	..	..	
..	1	2	3	..	..	For stable head collars.
15	40	100	250	40	40	For Mark III (cavalry pattern), head collar.
2	6	15	36	..	..	
3	8	20	50	..	..	For stable head collar.
1	2	4	8	..	..	
1	2	4	8	..	..	
..	..	..	..	..	..	
..	1	2	3	..	..	For stable head collar.
..	1	1	2	..	..	R.A. only.
..	..	..	..	..	..	
..	..	..	..	..	..	For tugs, backband.
‖	‖	‖	‖	3§	..	

† Luggage pannels.
§ Luggage pannels only.

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Materials for Repair of

TABLE 1—*continued.*	Peace—12 Months'			
		Harness.		
	Officers.	Single Sets.		
	5 Sets.	5	8	25	40
Woolwich Section, No. 6—cont.					
Squares, brass	1	..	..	..	..
Squares, iron	..	..	1	1	4
Steel, pieces	..	..	..	..	..
54 Art. 9089 **Straps,** girth, pattern '84	..	2	4	12	18
Straps, hook, pole-bar	..	1	1	3	5
Straps, releasable, pole-strap ..	..	1	1	3	5
Studs, frog, sword saddle.. ..	..	..	..	..	..
Studs, head collar (and breast-plate)	..	1	1	3	5
Studs, wallet	1	1	1	2	4
Thread, black, 3-cord lbs. ozs.	0 2	..	..	..	.
Thread, flack fine .. ,, ,,	0 4	0 8	0 12	2 8	4 0
Thread, whited brown ,, ,,	0 1	*	*	*	*
Twine, quilting .. ,, ,,	0 2	0 1	0 1	0 2	0 4
Web, hemp, 3-inch (straining) yds.	1	2	3	8	13
Web, hemp, 2 ,, thick .. ,,	..	¼	¼	1¼	2
Web, hemp, 1¾ ,, ,, .. ,,	..	½	½	2	3¼
Web, worsted, blue 3¼-inch ,,	6	..	..	..	..
Buckles, nickel, roller, double, 1-inch	..	..	..	1	2
Buckles, nickel, roller, single, 1¼-inch	..	..	..	1	2
Buckles, nickel, roller, single, ⅞ ,,	..	..	1	4	6
Buckles, nickel, single, 1½-inch	..	..	..	1	2
Buckles, nickel, single, 1¼ ,, ...	..	..	..	1	2
Buckles, nickel, single, 1 ,, ...	..	..	1	2	3
Buckles, nickel, single, ⅞ ,, ...	..	..	1	2	3
Dees, nickel, 1½-inch	..	..	..	1	2
Links, nickel, 1¼-inch..	..	..	..	1	2
Loops, crupper, double, nickel ..	..	..	..	1	2
Rings, nickel, 1¾-inch	..	..	..	1	2
Rings, nickel, 1⅝ ,, ...	..	..	..	1	2
Rings, nickel, 1½ ,, ...	..	..	..	1	2
Screws, pad, iron	..	..	..	1	2
Squares, nickel, 1¾ in. × 1¼ in. ..	..	..	1	1	2

* 1 oz. per 5 pairs hair pannels in use.

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Harness and Saddlery—*continued.*

Supply. Saddlery. Sets.				War. 3 Months' Supply. Harness.	War. 3 Months' Supply. Saddlery.	Remarks.
6	15	40	100	50 Double Sets.	100 Sets.	
..	..	..	..	..	..	
1	1	2	4	3	3	
1	3	8	20	..	..	For carbine buckets.
3	7	18	45	..	..	
..	..	..	..	5	..	R.A. only.
..	..	..	..	5	..	R.A. only.
1	2	5	12	..	..	
1	3	7	16	..	..	
1	2	5	12	..	..	
..	..	..	..	..	..	
0 4	0 12	2 0	5 0	2 4	2 4	
*	*	*	*	0 12	..	
0 1	0 2	0 4	0 8	1 8	..	½ oz. additional per pair hair pannels in use.
2	5	13	32	..	..	8 yards additional for each 25 steel arch universal saddles in use.
¼	¾	2	4¾	..	..	
½	1¼	3¼	8	..	..	
..	..	..	..	..	..	
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	18	..	Harness, A.S.C., N.P. only.
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	6	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.
..	..	..	..	..	..	Harness, A.S.C., N.P. only.

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Cavry.
400

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Materials for Repair of

TABLE 1—*continued.*	Peace—12 Months'				
	Officers.	Harness.			
		Single Sets.			
	5 Sets.	5	8	25	40
Woolwich Section, No. 7.					
Needles, darning, 3-inch	..	..	..	..	..
Wire, copper, No 7 W.G., hard lbs. ozs.	..	..	0 1	0 2	0 4
Wire, iron, " 1 " " "	..	0 2	0 3	0 8	1 0
Wire, " " 4 " " "	..	..	0 4	0 8	1 0
Woolwich Section, No. 9.					
Spelter, brass .. .. lbs. ozs.	..	0 1	0 1	0 3	0 5
Woolwich Section, No. 10.					
Nails, steel, clout, flathead, fine, No. 90.. .. .. lbs. ozs.	..	0 1	0 2	0 3	0 6
Tacks, steel, cut, No. 197 "	..	0 3	0 4	0 9	1 4
Screws, iron, flathead, $\frac{3}{4}$-inch, G, No. 10	..	2	2	3	5
Screws, iron, flathead, $\frac{5}{8}$ " " 9	..	3	4	12	20
Screws, iron, flathead, $1\frac{3}{4}$ " " 14	2	..	..	..	..
Screws, iron, flathead, $1\frac{1}{4}$ " " 13	2	..	..	..	..
Woolwich Section, No. 11.					
Borax, refined .. .. lbs. ozs.	..	0 1	0 1	0 3	0 5
Glue, B.T.M. .. .. "	..	0 2	0 2	0 4	0 8
Ink, marking .. .. .. pints	..	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$
38407 Equipt. 2006 **Mixture,** stamping woollens .. "	..	..	..	..	..
Wax, bees' .. .. lbs. ozs.	0 2	0 1	0 1	0 2	0 4
Wax, black .. .. "	0 2	0 4	0 6	1 4	2 0
Woolwich Section, No. 18.					
Art. 8624 **Canvas,** sail, No. 3 .. .. inches	..	3	3	6	10
Cordage, bolt, white, 3-inch fms.	..	..	..	6	12
Cordage, " " $1\frac{3}{4}$ " "	..	..	..	12	24
Cordage, shroud laid, $2\frac{3}{4}$ " "	..	..	..	4	7

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Harness and Saddlery—*continued.*

Supply.				War.		Remarks.
Saddlery.				3 Months' Supply.		
Sets.				Harness.	Saddlery.	
6	15	40	100	50 Double Sets.	100 Sets.	
..	..	..	..	6*	6*	* Per unit.
..	0 2	0 4	0 8	..	..	
..	..	..	..	..	..	
0 4	0 8	1 0	2 0	..	..	
0 1	0 2	0 5	0 12	..	..	
..	..	..	..	..	..	
0 3	0 8	1 4	3 0	0 12	0 12	
2	2	5	12	..	..	
3	8	20	50	..	..	
..	..	..	..	..	..	
..	..	..	..	..	..	
0 1	0 2	0 5	0 12	..	..	
0 2	0 4	0 8	1 0	..	..	
⅛	¼	½	1	..	..	
..	..	..	..	..	..	¼ pint per 150 blankets.
0 1	0 2	0 4	0 8	..	..	
0 4	0 10	1 10	4 0	0 6	0 6	
3	3	10	25	72†	72†	For nose bags.
..	..	..	..	..	..	
..	..	..	..	..	..	A.S.C.N.P. harness.
..	..	..	..	..	..	

† Per 100 nose bags.

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Materials for Repair of

TABLE 1—*continued.*	Peace—12 Months'				
	Officers.	Harness.			
		Single Sets.			
	5 Sets.	5	8	25	40
Woolwich Section, No. 26.					
Rivets, five bucket, ½-inch, with washers	..	..	2	6	10
Rivets, hosepipe ⅝-inch, with washers	..	3	3	9	12
Woolwich Section, No. 27.					
Worsted, grey .. .. lbs. ozs.	..	0 2	0 2	0 4	0 7
Woolwich Section, No. 31.					
Blankets, old, pieces of .. lbs.	..	..	..	..	..
Linen, old, for cleaning.. lbs. ozs.	..	2 8	4 0	12 8	20 0
Linen, old, „ nosebags „ „	..	0 8	0 8	1 4	2 0

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Harness and Saddlery—*continued.*

Supply.				War.		Remarks.
Saddlery.				3 Months' Supply.		
Sets.				Harness.	Saddlery.	
6	15	40	100	50 Double Sets.	100 Sets.	
..	..	..	..	..	..	
3	6	12	30	..	..	
0 2	0 3	0 7	1 0	0 6†	0 6†	† Per 100 blankets.
..	..	..	..	3§	3§	§ Per 100 blankets.
1 8	3 8	10 0	25 0	..	..	
0 8	1 2	2 0	5 0	0 8*	0 8*	* Per 100 nosebags

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Materials for Preservation of Harness and Saddlery.

TABLE 2.	Peace—12 Months' Supply.			War. 3 Months' Supply.		Remarks.
	Harness. Per Single Set.		Saddlery. Per Set.	Harness.	Saddlery.	
	R.A., R.E., and Regimental Transport.	A. S. Corps		Per Double Set.	Per Set.	
Woolwich Section, No. 11.						
Dubbing .. .. lbs.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{2}$	$\frac{3}{8}$	
Oil, rape .. .. pints	2	3	$\frac{1}{2}$*	—	—	
Soap, soft .. .. lbs.	6	6	$\frac{1}{2}$	—	—	
Soap, yellow .. .. .. bars	$2\frac{1}{2}$	$3\frac{1}{4}$	$2\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{16}$	

* $\frac{1}{4}$ pint extra per set allowed to Military Police.

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Material for Repair

TABLE 3.

	Peace—12 Saddle-				
	Officers.	Drivers.			
	5	5	13	25	40
Woolwich Section, No. 6.					
Saddletrees, arches, iron, or steel, front	..	..	1	1	2
arches, iron, or steel, hind	..	..	1	1	2
bars, side, shaped, near	..	..	1	1	2
bars, side, shaped, off	..	..	1	1	2
cantles	1	..	..	..	..
links	..	1	..	..	..
plates, for dees, universal	..	..	..	..	..
plates, ,, links	..	..	..	..	..
plates, gullet, steel	1	..	..	..	..
plates, top, brass	1	..	..	..	..
plates, with buckle and crupper link	..	..	..	..	..
plates, ,, dees, luggage	..	..	..	..	..
plates, ,, squares, drivers'	..	..	2	4	6
plates, ,, stirrup link and brass roller	..	..	1	1	4
rivets, copper, long	4	..	..	..	..
rivets, copper, short	9	..	..	..	..
rivets, iron, 1¼-inch	..	3	8	15	24
screws, brass, fine	8	..	..	..	..
squares, iron	..	2	2	4	6
staples, cloak and wallets, drivers'	..	1	2	4	6
staples, cloak and wallets, universal patt. '84	..	..	..	..	..
staples, flank drivers' and luggage	..	1	2	3	5
staples, girth	..	..	..	..	..
staples, wallet, N.P.	1	..	..	..	..
staples, wallet, O.P.	1	..	..	..	..
troughs, backband	..	..	..	..	..
washers, brass	2	..	..	..	..
Woolwich Section, No. 7.					
Paper, glass, middling .. sheets	..	..	1	1	2
Pencils, carpenters'	..	..	1	1	1
Wire, iron, soft, No. 7 W.G. (for rivets) .. lbs.	⅛	..	¼	¼	½
Woolwich Section, No. 11.					
Oil, inseed, raw .. pints	..	..	⅛	⅛	¼
Varnish, Japan, black .. ,,	..	..	⅛	¼	½
Varnish, spirit, shellac .. ,,	⅛	..	⅛	¼	½

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of Saddletrees.

Months' Supply.							War.		
trees.							3 Months' Supply.		
Luggage.			Universal.				Harness.	Saddlery.	Remarks.
5	13	25	6	15	40	100	50 Double Sets.	100 Sets.	
..	1	1	..	1	2	3	3†	3	†Drivers only.
..	1	1	..	1	1	2	3†	3	
..	1	2	..	1	3	6	3†	3	
..	1	2	..	1	3	6	3†	3	
..	..	..	..	..	..	..	..	..	
..	..	..	1	2	4	10	..	..	
..	..	..	..	2	6	12	..	..	
..	..	..	..	2	6	12	..	..	
..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
..	..	..	..	1	1	1	..	..	
1	3	5	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
..	..	..	..	1	4	8	..	..	
..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
3	8	15	3	9	24	60	30	30	
..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
1	2	4	..	..	..	..	6	..	
..	..	..	1	3	8	20	..	..	
1	2	3	..	..	..	..	..	..	
..	1	1	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
..	1	1	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	
..	..	1	..	1	2	4	..	..	
..	..	1	..	1	1	1	..	..	
..	¼	¼	..	¼	½	1	..	..	
..	..	..	..	⅛	¼	½	..	..	
..	⅛	¼	..	¼	½	1	..	..	
..	⅛	¼	..	¼	½	1	..	..	

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Materials for Repair and Preservation of Packsaddlery.

TABLE 4.	Peace. — 12 Months' Supply. Packsaddlery Sets. — G.S. and R.A.			War. — 3 Months' Supply. Pack-saddlery Sets. — G.S. and R.A.	Remarks
	2	10	50	100	
Woolwich Section, No. 5.					
Buckles, strap, 1-inch	1	1	3	1	An establishment of 44 may draw, if necessary, the material set out in third column.
Woolwich Section, No. 6.					
Basils, brown, unstrained	..	½	1	..	
Buckles, iron, black japanned, roller, single, 1¾-inch bow leg	..	1	2	..	For R.A. packsaddlery only.
Buckles, iron, black japanned, roller, single, 1¼ " "	..	1	2	..	For R.A. packsaddlery only.
Buckles, iron, black japanned, roller, single, 1 " "	..	1	2	..	For R.A. packsaddlery only.
Buckles, iron, tinned roller, single, 3-inch ..	1	1	2	..	
Buckles, iron, tinned roller, single, 1½ " ..	1	1	3	..	
Buckles, iron, tinned roller, single, 1½ " bow leg	1	1	3	..	
Buckles, iron, tinned roller, single, 1¼ " ..	..	1	1	..	
Buckles, iron, tinned roller, single, 1 " ..	..	1	2	..	For R.A. packsaddlery only.
Buckles, iron, tinned roller, single, ¾ " ..	..	1	2	..	For R.A. packsaddlery only.
Buckles, iron, tinned roller, double, 1¼ " ..	..	1	1	..	
Buckles, iron, tinned roller, double, 1 " ..	..	1	1	..	
Buckles, iron, tinned roller, double, ¾ " ..	1	1	3	..	

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Chains, iron, tinned, with dees..	..	1	1	..	
Cloth, collar, white .. .. .. yards	1	2½	12	1	R.A. packsaddlery.
Duck, packsaddle.. .. .. .. ,,	1	2½	12	1	G.S. ,,
Felt, brown, 43 inches wide .. .. inches	..	3	15	10	
Hair, horse, saddlery .. .. .. lbs.	½	2	8	3	
Hides, brown { backs, collar	..	¼	2	¼	
Hides, brown { cloak	..	⅛	¼	¼	
Hides, brown { shoulders	..	..	½	..	
Rings, iron, tinned, { 1½-inch	..	1	2	..	
Rings, iron, tinned, { 1¾ ,, slight	..	1	2	..	
Rivets, copper, ½-inch, with washers	2	10	50	20	
Squares, iron, tinned	..	1	2	..	
Stops, iron, tinned	1	1	2	2	
Studs, head collar	1	1	5	..	
Thread, { flax, fine .. .. .. lbs.	¼	½	2	½	
Thread, { whited brown.. .. .. ,,	⅛	¼	1	¼	
Twine, quilting .. .. ,,	⅛	¼	1	¼	
Web, hemp, { 3½-inch .. .. .. yards	..	3½	18	..	
Web, hemp, { 2 ,, thick .. .. ,,	½	2½	12½	..	
Web, hemp, { 1¾ ,, ,, ... ,,	29/30	4	20¼	..	
Woolwich Section, No. 7.					
Wire copper, No. 19 W.G. .. .. lbs.	..	¼	½	..	
Woolwich Section, No. 11.					
Glue, B.T.M. .. .. lbs.	..	½	2	..	
Ink, marking .. .. pints	..	⅛	½	..	
Wax, { bees' .. .. .. lbs. ozs.	0 1	0 2	0 8	0 2	
Wax, { black .. .. .. ,, ,,	0 1	0 2	0 8	0 8	

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Materials for Repair and Preservation of Packsaddlery—*continued.*

TABLE 4—*continued.*	Peace. — 12 Months' Supply. Packsaddlery Sets. — G.S. and R.A.			War. — 3 Months' Supply. Pack-saddlery Sets. — G.S. and R.A.	Remarks.
	2	10	50	100	
Woolwich Section, No. 18.					
Canvas, sail, No. 3 .. .. .. inches	..	2½	12½	..	For nosebags.
Woolwich Section, No. 31.					
Linen, old, for cleaning .. .. .. lbs.	½	2½	12½	..	
Linen, old, ,, nosebags and corn sacks.. ,,	..	½	2½	..	
Woolwich Section, No. 27.					
Packsaddlery, G.S.—					
Trees, Mark IV, large—					

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Arches, steel, front	..	1	2	..	G.S. packsaddles, also Mark III.
Arches, steel, hind	..	1	2	..	
Bars, side, shaped, near, upper	..	1	2	1	
Bars, side, shaped, near, lower	..	1	2	..	
Bars, side, shaped, off, upper	..	1	2	1	
Bars, side, shaped, off, lower	..	1	2	..	
Trees, Mark IV, small—					
Arches, steel, front	..	1	2	..	
Arches, steel, hind	..	1	2	..	
Bars, side, shaped, near	..	1	2	1	
Bars, side, shaped, off	..	1	2	1	
Woolwich Section, No. 13.					
Rivets, steel, countersunk head, $\frac{1}{4}'' \times 1\frac{1}{2}''$	..	3	8	20	..

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Materials for Preservation of Packsaddlery.

TABLE 6.	Peace. — 12 Months' Supply.	War. — 3 Months' Supply.
	Per Set.	Per Set.
Woolwich Section, No. 11.		
Dubbing .. .. lbs.	$\frac{3}{4}$	$\frac{3}{8}$
Oil, rape .. .. pints	$\frac{1}{2}$	..
Soap, soft .. .. .. lbs.	$\frac{1}{2}$	..
Soap, yellow .. .. .. bars	$2\frac{1}{2}$	$\frac{5}{16}$

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APPENDIX XV.

Mekometers.

1. History sheets in duplicate will be made out for each mekometer on the first occasion of issue. One copy will be retained by the Chief Inspector of Position-finding, and the other will accompany the instrument to which it relates. They will be compared whenever the instrument is returned to store, and the sheets will be carried on to completion as shown in the specimen page at end of appendix. History sheets.

2. Mekometers in possession of units proceeding to a foreign station (other than India) or on active service will be exchanged for an entire new set. Units going abroad.

3. The complete set of mekometer equipment in possession of units at home will be inspected annually at Woolwich so far as possible during the months given in the following table :— Annual inspection of mekometers at home.

Month.	All Artillery Mekometers and two Infantry Mekometers from each Battalion.	Remaining two Infantry Mekometers from each Battalion.
October ..	Aldershot, Eastern and Home Districts	
November ..	North-Eastern, North-Western and Scottish Districts	Aldershot, Eastern, and Home Districts
December ..	South-Eastern, Southern, Thames, and Western Districts	North-Eastern, North-Western, and Scottish Districts.
January ..	Woolwich, Belfast, and Channel Islands	South-Eastern, Southern, Thames, and Western Districts
February ..	Cork, Curragh, and Dublin	Woolwich, Belfast, and Channel Islands
March ..	.. ..	Cork, Curragh, and Dublin.

4. If any instrument in possession of units at home becomes unserviceable it will at once be returned for examination and repair, without waiting for the annual inspection. Unserviceable instruments to be returned at once.

5. When sending instruments from home stations, officers commanding units will forward them direct by rail (goods train) to the Principal Ordnance Officer, Royal Dockyard, Woolwich. The instruments are to be carefully packed in their leather cases, and Transit and packing.

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these cases wrapped in paper; the reels and cords to be also wrapped in paper, and the whole then placed in a wooden box. The box should be packed with tow, hay, or lumps of paper. The box should be marked conspicuously "Glass, with care," and contain a packing note (Army Form G—1028) detailing the articles packed, and to which unit they belong.

Instruments to be demanded.

6. On dispatch of the instruments, officers commanding will, *at the same time*, transmit to the Principal Ordnance Officer, Woolwich, direct, the usual receipt and delivery vouchers, accompanied by the history sheet of the instruments, and will also at once put forward a demand for the return of the instruments from Woolwich. The registered numbers of the instruments will be quoted upon all documents relating to them.

Testing of infantry mekometers.

7. At stations where there is an inspector of musketry, the infantry mekometers will be occasionally tested by him, and, if found unserviceable, will be ordered to be returned to Woolwich as directed in paragraph 4.

Return of instruments from abroad.

8. Units serving abroad will put forward demands, as a rule, every two years, for the exchange of their range-finding equipment for the purpose of its being inspected by the Chief Inspector of Position-Finding. Should, however, at any time the instruments become unserviceable, steps should at once be taken to replace them. The old equipment will be sent home by the Local Ordnance Officer to Principal Ordnance Officer, Royal Arsenal, Woolwich.

Report of condition to be made.

9. When an instrument is returned for any purpose, a report on its condition at the time will be made on a half sheet of foolscap paper, signed by the officer commanding, and pinned to the history sheet. The report will consist of answers to questions in the following form :—

CONDITION OF INSTRUMENT, No. MARK.

Are the parts and fittings complete and in good order?
Is the right instrument correct?
Is the left instrument correct?
Are the cords and reels correct?
Are the telescopes and handles correct?
Are the cases correct?
In case of damage or deficiency, state how it occurred.

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10. If the cord of a mekometer breaks, care must be taken to make it up again to the correct length.

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SPECIMEN FORM OF HISTORY SHEET.

Army Form G 920

Description		Mark.	Number	Manufacturer
	Depression Range-finder.			
	Field ,,	,,	,,	,,
	,, Mekometer.	,,	,,	,,
	,, Telemeter.	,,	,,	,,

Inspection before Acceptance. Date

Signature of Inspecting Officer.

Issues and Exchanges.				Inspections.				Repairs.		Signature of Officer who makes the entry.*
Date.	From.	To.	For.	Date.	Occasion.	Remarks of Inspecting Officer.	Recommendation.	Date of completion.	By.	
20.2.99	P.O.O.	C.O.O., Aldershot	Service ...	...	...	...	...	...	...	(Sd.) P.O.O., Woolwich.
1.3.99	C.O.O. Aldershot	O.C.J. | R.H.A.	Service ...	...	...	...	...	...	...	(Sd.) C.O.O., Aldershot.
21.12.99	O.C.J. | R.H.A.	I.R. Finding ...	Inspection	...	...	...	...	...	...	(Sd.) O.C.J. | R.H.A.
...	...	...	...	3.1.00	Annual ...	Good order ...	Service ...	...	...	(Sd.) I.R. Finding.
8.1.00	I.R. Finding ...	O.C.J. | R.H.A.	Service ...	...	...	...	...	...	...	(Sd.) I.R. Finding.
20.2.00	O.C.J. | R.H.A.	I.R. Finding ...	Inspection	...	...	...	...	...	...	(Sd.) O.C.J. | R.H.A.
...	...	...	...	22.2.00	Special ...	Out of adjustment. Reading 8% high	Readjustment and repair	...	...	(Sd.) I.R. Finding.
24.2.00	I.R. Finding ...	O.C.J. | R.H.A.	Return to store	...	...	...	...	...	...	(Sd.) I.R. Finding.
26.2.00	O.C.J. | R.H.A.	Ord. Offr., Aldershot	Exchange	...	...	...	...	...	...	(Sd.) O.C.J. | R.H.A.
28.2.00	Ord. Offr., Aldershot	P.O.O., Woolwich	Repair ...	...	...	...	...	...	...	(Sd.) Ord. Offr., Aldershot.

* First line of heading will be filled in by P.O.O.
Second line by inspecting officer.
Remaining entries will be made as follows:—
Issue to corps, or to C.O.O. abroad by P.O.O., also name of instrument-maker who executes repairs.
Return to Store by officer returning the instrument.
Inspection by inspecting officer.

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APPENDIX XVI.

(Referred to in Paragraph 31.)

Conditions governing Sale of Carbines and Rifles to Officers.

Officers on the active list of the regular forces, cavalry, and infantry, are permitted to purchase carbines or rifles respectively at vocabulary rates under the following conditions :—

1. The rifle or carbine will be kept for the sole and exclusive use of the officer purchasing it, and will be produced for inspection annually, and at any other time when required. No officer may be in possession of more than one such arm at one time.

2. Should the holder at any time desire to surrender his arm, he may return it into the regimental store, receiving a receipt for the same, but no refund of purchase money will be made by Government on surrender. It will then be open to another officer of the corps to apply for and draw it, on signing the certificate in (5). Any payment by a future holder must be arranged privately between him and the last holder.

3. The course laid down in (2) will be followed in case of the original or any subsequent holder of an arm retiring from the service, or being transferred to, or exchanging into, another unit.

4. Arms so purchased will be issued on prepayment by the officer commanding the unit to which the officer belongs, credit being given to the public in the accounts of the District Paymaster. The arms will be marked with the corps mark, an "S," and a consecutive number in the unit. They will remain on charge in the equipment ledger of the unit, and will be shown in a separate column in the distribution list at the beginning of the ledger. For each such arm a voucher signed by the officer concerned, acknowledging possession of the arm on the day of closing the account, will be rendered with the ledger.

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5. Certificate to be signed by all officers desiring to purchase a government rifle or carbine :—

> "I hereby certify that the government rifle or carbine which I desire to purchase is for my sole and exclusive use, and I promise that on no account will I at any time dispose of, lend, or part with the same to any other person whomsoever. I further bind myself to observe all the regulations governing the purchase of service arms by officers.
>
> "(Signed)......"

This certificate to be made out in the officer's handwriting, and to accompany the application for purchase.

6. Should an arm so purchased be lost or stolen, an immediate report is to be made by the holder to his commanding officer, who will deal with the case under paragraphs 539—541, King's Regulations, as if the rifle had remained public property.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION X.

ENGINEER DETAILS.

Adjutant General's Office
MAR 17 1902
MILITARY INFORMATION DIVISION

PEACE AND WAR.

WAR OFFICE, 1902.

LONDON:
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PRINTERS IN ORDINARY TO HIS MAJESTY.

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ESTABLISHMENTS.

[The Peace Establishments of the several units of Royal Engineers are published annually in Army Orders, and the War Establishments in "War Establishments."]

ARMS.

TABLE 1.

	Designation.	Peace.	War.
	Weedon Section.		
	Carbines, Martini - Metford, Artillery, Mark II. or M.E., Artillery (the latter will be issued when the stock of the former is used up)	1 per troop and company staff serjeant, N.C.O. and sapper of Field Troop and balloon section, and dismounted men of telegraph battalion	
	Carbines, Martini-Enfield, Artillery	1 per mounted N.C.O. and driver of telegraph battalion	
	Covers, back-sight, M.M. carbine, cavalry, Mark III.	1 per carbine, Field Troop, and mounted N.C.O. and driver of telegraph battalion	As for peace.
	Side-arms and Appurtenances for Martini-Metford and Martini-Enfield carbines.		
	Scabbards, sword-bayonet, pattern 1888	1 per sword bayonet	
54 Engineers 40	**Sword-bayonets,** pattern 1888	1 per carbine, except mounted N.C.O. and drivers of telegraph battalion	1 per carbine.
	Pull-throughs, Mark IV ...	1 per carbine and 5°/₀ spare	
57	,, double, Mark I.	10 per 100 carbines	
3	,, gauze wire (spare)	2 per double pull-through	As for peace.
73	,, double, cords ,,		
	Reflectors, mirror	1 per 20 serviceable carbines or less	
	Tubes, aiming, ·23 in. M.M. ... brushes, cleaning keys, M.M.... rods, cleaning; **Carbines,** M.M., Morris tube	2 per unit armed with carbine	Nil.
	Rifles, magazine, Lee-Metford, or Lee-Enfield (the latter will be issued when the stock of the former is used up)	1 per dismounted troop and company staff serjeant, N.C.O., and sapper, except for units armed with carbine*	As for peace.
20 Engineers 3590 ... 3658			

* Depôt Companies (excepting E and G Companies) have 160, and the Training Depôt 14, D.P. rifles and sword bayonets in addition for the use of recruits.

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Arms—*continued.*

TABLE 1—*continued.*

Designation.	Peace.	War.	Remarks.
Weedon Section—*contd.*			
Side-arms and Appurtenances for Magazine Rifles.			
Sword-bayonets, pattern 1888	1 per rifle*	As for peace.	
Scabbards, sword-bayonet, pattern 1888	1 per bayonet* ...		
Bottles, oil, Mark III ...	1 per rifle, and 5% spare	1 per rifle.	
Protectors, front-sight, magazine rifle "C"	1 per rifle, and 5% spare		
Pull-throughs, Mark IV...	1 per rifle, and 5% spare		
,, double	10 per 100 rifles ...	As for peace.	
,, gauze wire (spare)	2 per double pull-through		
,, double, cords ,,			
Reflectors, mirror	2 per unit		
Tubes, aiming, ·23 in. { M.L.M. rifle brushes, cleaning rods, cleaning }	2 per unit armed with rifle	Nil.	
Rifles, magazine, Morris tube	2 per unit armed with rifle	Nil.	
Lances, slings	6 per section telegraph battalion	As for peace.	
Pistols, { Webley	1 per warrant officer and staff serjeant,† 1 per mounted troop and company staff serjeant, 1 per mounted N.C.O. and lance-corporal on the establishment and shoeing smith, except telegraph battalion and Field Troop, 25% for drivers, except telegraph battalion, and 1 per trumpeter	As for peace, but 1 per driver, except Telegraph Battalion	Not supplied in peace to dismounted warrant officers or staff serjeants, armed with swords, staff serjeants.
,, rods, cleaning, L.S.	1 per pistol† ...	1 per pistol.	

* Depôt Companies (excepting E. and G. Companies), have 160, and the Training Depôt 14 D.P. rifles and sword bayonets, in addition for the use of recruits.

† Warrant officers and staff-serjeants includes subadars and jemadars of native companies, serjeant majors, bandmaster, military foremen of works, engineer clerks, armourer serjeants, military mechanists, quartermaster serjeants, farrier quartermaster serjeants, serjeant trumpeters, serjeant buglers, serjeant master-tailors, and serjeant cooks. Military mechanist coxswains will not receive any arms or accoutrements in peace.

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Arms—*continued.*

TABLE 1—*continued.*

Designation.	Peace.	War.	Remarks.
Weedon Section—*contd.*			
Swords, cavalry, pattern 1890 or 1899	1 per mounted warrant officer and staff serjeant, 1 per mounted troop and company staff serjeant. 1 per mounted N.C.O. lance-corporal on the establishment and shoeing smith, except telegraph battalion and Field Troop	As for peace.	
Swords, drummers	1 per bugler, band-serjeant, band corporal and bandsman*	As for peace.	
Swords, staff-serjeants, patt. 1898 (or 1897 or 1889), gilt hilt	1 per dismounted warrant officer and staff serjeant†	As for peace.	
Scabbards, sword, cavalry, patt. 1885, Mark II, or patt. 1899... ...	1 per sword, cavalry	As for peace.	
Scabbards, sword, drummers ...	1 per drummer's sword	As for peace.	
Scabbards, sword, staff serjeants, patt. 1897 (or 1889)	1 per staff serjeant's sword.	As for peace.	
Small-Arm Packages.			
Cases, (or chests) regimental, carbine / rifle ...	2 cases (or 1 chest) per unit according to arm	Nil.	

* 2 drummers swords and scabbards for each half Depôt Company (excepting A (1) Company) at Chatham. A (1) Depôt Company will hold on charge 63 drummers swords and scabbards for the buglers under training at the S.M.E. † *See* note † previous page.

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Articles for Musketry Instruction.

(For Peace only.)

(Referred to in Para. 138, Part I, Equipment Regulations.)

TABLE 1A.	One Set (comprised of the following articles) per Unit, according to the arm with which supplied.	
	For M.M. and M.E. arms.	For M.L.M. and M.L.E. arms.
Actions, skeleton (with butts)	1	1
Aim correctors	2	2
Implements, action, M.H.	1	—
Implements, action, M.L.M., pattern D	—	4

my Order
3 of 1899

TABLE 2. Ammunition.

Woolwich Section, No. 23.				
Cartridges, small arm, aiming tube (see paras. 159 and 179, Part I.)	... ...	... ...	For practice and exercises as laid down in Part I, Sec. VII.
Cartridges, small arm, ball, ·303 in.	50 rounds per rifle or carbine at home, and 20 rounds abroad	As laid down for the several units in War establishments.	
Cartridges, small arm, ball, pistol, Webley	12 rounds per pistol	As laid down for the several units in War establishments.	
Cartridges, small arm, blank, ·303 in. ...	(See para. 159, Part I.)	Nil	
Cartridges, small arm, dummy drill, magazine rifle	50 per unit armed with M.L.M. rifle	Nil	

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Accoutrements.

TABLE 3. Designation.	Peace.	War.
Woolwich Section, No. 1.		
A.O. 173 of 1899 — **Bags,** kit, mounted services	Nil	1 per mounted N.C.O. and man.
Bandoliers, leather ...	1 per N.C.O. and sapper of Field Troop, excepting the driver class	As for peace.
Belts, pouch, buff, G.S. ...	1 per sword staff serjeants pattern	As for peace.
Belts, waist, buff, W.O. artillery...	1 per sword staff serjeants pattern	As for peace.
Belts, waist, buff, cavalry, patt. '85, O.R.	1 per sword cavalry	As for peace.
Bottles, water, enamelled, L.S.‖	1 per warrant officer and all ranks under†	As for peace.
Bottles, zinc, oil	1 per carbine, and 5 °/₀ spare	1 per carbine.
Cases, brown, pistol, L.S.*	1 per pistol and 1 per driver armed with pistol in war	As for peace.
Frogs, buff, bayonet, G.S.†	1 per bayonet and drummer's sword	As for peace.
Handcuffs, common prs.	4 for 2nd division telegraph battalion, 2 per other unit	2 per unit.
Knots sword, buff, cavalry, line, O.R.	1 per cavalry sword	As for peace.
Knots sword, buff, general service ...	1 per staff serjeants sword	As for peace.
Lanyards, pistol*	1 per pistol case	As for peace.
Pouches, ammunition, brown, pistol, infantry	1 per dismounted warrant officer and staff-serjeant*	As for peace.
Pouches, writing materials, engineers	1 per belt pouch ...	As for peace.
§10442 L. of C. — **Slings,** *a* carbine, buff, artillery	1 per carbine, artillery	As for peace.
Slings, *a* rifle, buff ...	1 per rifle	As for peace.
§10595 L. of C. — **Straps,** buff, water bottle, *b* dismounted services	1 per dismounted man	As for peace.
Straps, buff, water bottle, *b* mounted services	1 per mounted man	As for peace.
Whistles, infantry‡ ...	1 per dismounted troop and company staff-serjeant, and serjeant‡, and one for each drill instructor at the school of military engineering	As for peace.

54 Engineers 83

* Not supplied in peace to dismounted warrant officers or staff serjeants armed with swords, staff serjeants.

† Depôt companies have 34 in addition for the use of recruits.

‡ 9 each for 1st and 3rd Divisions, 13 for 2nd Division, Telegraph Battalion.

‖ For repair of the bottles the following materials will be allowed annually :—

Buff strip ... ... or	5 per cent. of bottles in possession, with 2 rivets and washers per strip.
Chains, with end rings	3 per cent. of bottles in possession.
Corks...	5 ,, ,, ,,
Covers, water bottle, enamelled	10 ,, ,, ,,

a When existing stocks are exhausted, "slings, rifle, web, G.S." will be issued.

b When existing stocks are exhausted, "straps, web, water bottle" will be issued.

54 Gen. No. 8037

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Accoutrements—*continued.*

TABLE 3—*continued.* Designation.	Peace.	War.
Woolwich Section, No. 1 —*contd.*		
Valise Equipment, Patt. '88, Buff.		
Forms 1098-22 / 4 **Belts,** waist, G.S.	1 per valise, 1 per driver and trumpeter, 1 per mounted N.C.O. and carriage and shoeing-smith, telegraph battalion, 1 per N.C.O. and sapper Field Troop	As for peace.
Braces...	1 left / right per valise	
Pouches, ammunition, ·303-in., 50 rounds, Mark III	1 per rifle and carbine, except mounted men, and Field Troop who have none	
Straps, great-coat... ...	2 per valise, and 1 per dismounted warrant officer and staff-serjeant	
Straps, mess-tin	1 per valise, and 1 per dismounted warrant officer and staff-serjeant	
Valises, G.S....	1 per dismounted troop and company staff-serjeant, N.C.O., sapper, or bugler*	
Valise Equipment, Patt. '82, Buff.		
Forms 1098-22 / 4 **Pouches,** ammunition ...	1 per mounted N.C.O. trumpeter, carriage and shoeing-smith and driver	As for peace.

* Depôt Co.'s have 34 in addition for the use of recruits.

Musical Instruments.

TABLE 4. Designation.	Peace.	War.
Woolwich Section, No. 1.		
Bugles...	1 per trumpeter and bugler*	As for peace.
Strings, bugle and trumpet, royal	1 per trumpet or bugle*	
Trumpets	1 per trumpeter and 1 per bugler of field companies and balloon sections	

* 2 bugles and strings for each half Depôt Company (excepting "A (1)" Company) at Chatham, 4 bugles and strings for Training Depôt, Aldershot. "A (1)" Depôt Company will hold on charge 63 bugles and strings for training buglers at the S.M.E.

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Materials for Repairing Accoutrements.

TABLE 5. Designation.	Peace. 12 Months Supply for every 100 sets or under.	War.
Woolwich Section, No. 1.		
Hides, buff	1†	
FOR UNITS IN POSSESSION OF VALISE EQUIPMENT, Patt. '88.		
Valise Equipment, Patt. '88		
54 Engineers 40 — **Billets**, pouch, buff	2	
Buckles, brass, brace	2	
Buckles, brass, frog	2	
Buckles, brass, chape, brace	2	
Buckles, brass, coat strap	2	
Buckles, brass, mess tin strap	2	
Buckles, brass, waist belt, $1\frac{3}{4}$ in. ...	2	
Buckles, brass, waist belt, 1 ,, ...	2	
Buckles, brass, waist belt, $\frac{7}{8}$,, ...	1	
Buttons, leather, sling, buff	8	
Chapes, brace, buff	2	
Chapes, valise, black, $7\frac{1}{2}$-in. by $\frac{3}{4}$-in....	5	
Hooks, brass, side, cavalry, line... ..	1	
Lockets, union, brass, universal... ...	1	
Loops, brass, brace	2	
Loops, brass, pouch	2	
Loops, brass, waist belt	2	
Loops, leather, buff, pouch	4	Nil.
Loops, leather, buff, strap, mess tin...	4	
Patches, leather, brace, buff	2	
Patches, leather, pouch, buff	4	
Patches, leather, waist belt, buff ...	4	
Runners, leather, brace, buff	4	
Runners, leather, waist belt, buff ...	4	
Safes, leather, waist belt, buff	2	
Straps, pouch, draw	2	
Straps, shoulder, buff	2	
Straps, valise, black	2	
Studs, brass, pouch	4	
Washers for $\frac{3}{8}$ in. by 12 in. gauge rivets ozs.	1	
Washers for $\frac{3}{8}$,, ,, 7 ,, ,, ,,	1	
Washers for valise, round heads ... ,,	1	
Buckles, iron, valise	4	
Catches, waistbelt, brass, V.E.O.P. ...	2	
Rivets, copper, tinned, $\frac{3}{8}$ in. by 12 in. gauge ozs.	1	
Rivets, copper, tinned, $\frac{3}{8}$,, ,, 7 ,, ,, ,,	1	
Rivets, copper, tinned, $\frac{1}{2}$,, ,, 10 ,, ,, ,,	2	
Rivets, copper, tinned, valise, round heads ...	1	
FOR UNITS IN POSSESSION OF POUCHES, BUFF, VALISE EQUIPMENT, Patt. '82.		
Woolwich Section, No. 1.		
Valise Equipment, Patt. '82.		
Billets, pouch, buff	2	
Dees, brass, pouch	4	Nil.
Patches, leather, pouch, buff	2	
Studs, brass, pouch	4	

† Per 20 handguards telegraph equipment, Telegraph Battalion only.

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Materials for Cleaning Arms.

Not in addition to the allowance in paragraph 330, Part I.

TABLE 6. Designation	Peace. Annual Supply.	War. 3 months' supply.	Remarks.
Woolwich Section, No. 11. A—*Oil, Paint, and Chemicals.*			
§ 10131 L. of C. **Oil,** Rangoon	1 gallon per 100 rifles or carbines	1 quart per 100 stand of arms.	
Oil, rifle (or mineral jelly)	6 gallons per 100 stand of arms	18 pints per 100 stand of arms.	Allowance for 3 pistols to be as for 1 rifle or carbine.
Woolwich Section, No. 27. B—*Textile Stores.*			
Flannelette	18 in. per rifle or carbine	30 yards per 100 rifles and carbines.	
Woolwich Section, No. 31. *Old Stores.*			
Linen, old, sheeting	1½ oz. for each Webley pistol	½ oz. per 4 pistols.	

Camp and Field Equipment.*

TABLE 7. Designation.	Peace.	War.
Woolwich Section, No. 2		
Buckets, water, G.S., canvas	1 per riding or pair of draught horses of Field Troop.	1 per 6 riding horses except Field Troop, which is as for peace.
Buckets, water, G.S., leather	1 per 2 wheeled cart, 2 per wagon	As for peace.
Buckets, water, G.S., ,, buckles†	1 per 3 buckets or under	As for peace.
Buckets, water, G.S., ,, rivets† lb.	½ lb. to 25 buckets or under	As for peace.
Cords, forage	1 per 8 horses, including officers.	As for peace.
Kettles, camp, oval, 12 quarts‖	Nil	1 per 3 officers. 1 per 15 N.C.O.'s and men.
Mallets, heel peg and small picket‡	Nil	1 per 3 officers and 6 other horses.
54 Gen. No. 8029 **Nets,** forage ... ... prs.	Nil	1 per horse, including officers.
Pads, surcingle ... ,,	1 per horse public property.	As for peace.

* For remainder of Camp and Field Equipment, *see* Tables 14 and 15.

† Annual supply.

‖ For a Telegraph Division the following will be allowed for war:

Head quarters—

Kettles, camp, oval, 12 quarts 3

Four sections—

Kettles, camp, oval, 12 quarts... 4

,, ... 32

‡ Telegraph battalions have a number for Telegraph purposes, which are to be made available for camp equipment purposes. *Vide* Table 15.

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Camp and Field Equipment*—*continued.*

TABLE 7—*continued.*

	Designation.	Peace.	War.
	Woolwich Section, No. 2 —*continued.*		
	Panniers, grocery, G.S. (with padlocks and keys)	Nil	2 for each Pontoon Troop, Telegraph Division, Field Troop, and Field Company, and 1 per Balloon Section, Field Park, and Railway Company.
57 Gen. No. 1618	**Pegs,** picketing, with rope loop	Nil	2 per horse.
	Ropes, head, hemp, with ring (Mark IV)	Nil	1 per horse, including officers
	Ropes, heel (Mark IV) ...	Nil	1 per horse, including officers, + 15% of Mark II pattern for unruly horses.
	Ropes, picketing, 4ft. 9-in.	Nil	1 per horse, including officers.
	Rugs, horse, large	1 per 20 horses or under	As for peace.
	Tents, complete circular, single, linen	2 per unit for instructional purposes†	As ordered.
	Tents, complete d'abri ...	7 per section telegraph battalion	As for peace.
	Woolwich Section, No. 3.		
	Stretchers, ambulance (Mark I)	Nil	1 per unit.
	Woolwich Section, No. 11.		
	Soap, yellow ... ... bars	Nil	In accordance with the proportions authorised by paragraph 265, Part I.

* For remainder of Camp and Field Equipment, *see* Tables 14 and 15.
† Not in addition to those allowed by Para. 237, Part I.

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Carts and Wagons.

TABLE 8.

	Regimental Staff of Corps Engineers.	Pontoon Troop.		Telegraph Division		Field Troop.		Balloon Section.		Field Company.		Field Park.		Railway Company.	
	War.	Peace.	War.	Peace.	War.	Peace.	War.	Peace.	War.	Peace.	War.	Peace.	War.	Peace.	War.
Woolwich Section, No. 4.															
Carts, forage¶	1	...	1	9§	9	3	6	...	1	1	3	1	2	...	1
Carts, maltese, Mark V*	...	...	1‖	...	...	...	...	...	...	...	1‖	...	...	...	...
Woolwich Section, No. 28.															
Carts, tool, double, R.E.	...	...	...	...	...	...	...	...	...	4	4	...	...	...	...
Carts, cable	...	...	...	4§	4	...	...	...	...	...	...	...	...	...	...
Limber, wagon, tool, field troop, R.E....	...	...	...	...	...	6	6	...	...	...	...	...	...	...	...
Wagons, air line	...	...	...	12§	12	...	...	...	...	...	...	...	..	...	...
Wagons, balloon, G.S.	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Wagons, forge, R.E.‡	...	1	1	...	...	...	...	...	...	...	1	1	1	...	...
Wagons, G.S., R.E.	...	4††	5	5§	5	...	...	1	2	1†	...	6	6	...	...
Wagons, lithograph...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Wagons, printing	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Wagons, pontoon	...	20	20	...	...	...	...	...	...	2	2	...	...	...	...
Wagons, reservoirs, gas	...	...	...	...	...	...	...	6	6	...	...	...	3	...	...
Wagons, tool, Field Troop, R.E....	...	...	...	...	...	6	6	...	...	...	...	...	...	...	...

§ 1st and 3rd Divisions only. ‖ For medical equipment. † For fatigue purposes.

‡ Complete with a vice and a double bellows forge, which includes, as components, a frame, tool box, 1¼ cwt. anvil and block, 7 lb. hammer, poker, slice, blower, and 6 straps.

†† 1 G.S. wagon in addition is held on charge in peace by each pontoon troop for fatigue purposes.

¶ A shaft to replace casualties will be obtainable in the field from "spare" carried by the Corps Troops Supply Column.

57
Aldershot
6462

40116
6903

54
Engineers
58

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Miscellaneous Stores and Fittings for Carts and Wagons.

TABLE 9.

Designation.	Peace.	War.
Woolwich Section, No. 4.		
Axletrees, 3rd class, B, No. 165 (spare)	1 per 20 axles or under of that class	As for peace.
Axletrees, 3rd class, B, No. 166 (,,)	1 per 20 axles or under of that class	
Bolts, with nuts, nave, 3rd class ... ... (spare)	1 per 20 wheels or under of that class	
Staples, lashing, common	1 per 2 vehicles ...	
Staples, round crowned, small	1 per ditto	
Wheels 3rd class, B., No. 145 (spare)	1 per 20 wheels or under of that class	1 for each kind in use by the unit.
Wheels ,, ,, ,, No. 144 (spare)	1 per 20 wheels or under of that class	
Woolwich Section, No. 10.		
Jacks, lifting, G.S. ...	1 per 2 wagons or double tool cart	As for peace.
Screws, looped, No. 3, flat (spare)	1 per 5 vehicles or under	
Shoes, horse (fore and hind, spare), with nails (sets)	For general instructions to guide the supply of horse shoes and nails, *see* paragraphs 206 to 217, Part I	1 per horse and 15 per cent. extra.
Woolwich Section, No. 13.		
Pins, shaft, No. 30, shaft (spare)	1 per 10 wagons or under for units requiring them	As for peace.
Straps, securing, 1 inch × 36 inch (spare)	1 per 5 double tool carts or under	
Straps, securing, 1 inch × 26 inch (spare)		
Woolwich Section, No. 15.		
Bolts, with nuts, tyre, 3rd class	1 per 12 wheels or under	As for peace.
Woolwich Section, No. 19.		
Felloes, slip, No. 145 wheel...	1 per 20 wheels or under of that class	As for peace.
Felloes, slip, No. 147 wheel...	1 per 20 wheels or under of that class	
Felloes, slip, No. 150 wheel...	1 per 20 wheels or under of that class	
Spokes, No. 145 wheel (spare) ... sets	2 per 20 wheels or under of that class	
Spokes, No. 150 wheel (spare) ... sets	2 per 20 wheels or under of that class	

54 Engineers 9891

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Cart and Wagon Stores—*continued.*

TABLE 9—*continued.*

Designation.	Peace.	War.
Woolwich Section, No. 28.		
Axletrees, 3rd class, B, No. 167 (spare)	1 per 20 axles or under of that class	As for peace.
Axletrees, 3rd class, B, No. 168 (,,)	1 per 20 axles or under of that class	As for peace.
Axletrees, 3rd class, B, No. 176 (,,)	1 per 20 axles or under of that class	As for peace.
Bars, splinter, wagon, G.S., R.E. ... (spare)	1 per 10 vehicles requiring them	As for peace.
Pins, main, No. 30 (spare)	1 per 20 wagons or under	As for peace.
Shafts No. 67 (near) spare	1 per section, telegraph battalion	As for peace.
Shafts No. 68 (off) spare	1 per section, telegraph battalion	As for peace.
Shafts No. 100 (spare) pairs	1 per 10 wagons or under	1 per 3 wagons.
54 Engineers 270 — **Carts,** cable, Spanners, clip	3 per section, telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Clips, strap, winding gear	8 per section telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Clutches, inside near	1 per section, telegraph battalion (spare)	As for peace.
54 Engineers 270 — **Carts,** cable, Clutches, inside off	1 per section, telegraph battalion (spare)	As for peace.
54 Engineers 270 — **Carts,** cable, Clutches, outside near	1 per section, telegraph battalion (spare)	As for peace.
54 Engineers 270 — **Carts,** cable, Clutches, outside off	1 per section, telegraph battalion (spare)	As for peace.
54 Engineers 270 — **Carts,** cable, Pulleys, with clutch, off spare	1 per section, telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Spindles, clutch pulley spare	1 per section, telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Straps, winding gear ...	4 per section, telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Straps, winding gear yards	12 per section, telegraph battalion	As for peace.
54 Engineers 270 — **Carts,** cable, Terminals...	28 per section, telegraph battalion	As for peace.
Wheels, 3rd class, B., No. 150 (spare)	1 per 20 wagons or under of that class	As for peace.

When calculating percentages a Section Telegraph Battalion is to be considered as a unit.

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Components, Accessories, Spare Parts, Wagon and Cart Equipment of R.E. Vehicles.

TABLE 10.

Woolwich Section, No.,	Description of Articles, &c.	Number or Quantity for Wagons. Air Line.	Balloon, R.E.	Forge, R.E.	G.S., R.E.	Tool, Field Troop, R.E. Wagon.	Tool, Field Troop, R.E. Limber.	Lithograph.	Printing.	Pontoon.	Reservoir, Gas.	Carts. Cable.	Carts. Tool, Double, R.E.
	A.—Not demanded or accounted for separately. Components.												
51 Artillery 8623	13 **Bars,** supporting, draught pole, No. 2A ...	...	...	...	...	...	1	...	...	...	...	...	...
	13 **Blocks,** brake, field and transport, Mark II ...	...	...	2‡	2‡	...	..	...	...	...	...	...	...
	28 **Boards,** foot...	1	...	...	...	...	...	...	...	...	...	...	2§
	Boxes, centre	...	...	...	..	...	...	...	...	...	...	1	...
	Boxes, front	1	...	...	...	...	...	...	...	...	...	...	...
	Boxes, for balloon stores	...	2	...	...	...	...	...	...	...	...	...	...
	Boxes, grease, 3 lb. ...	2	2	2	2	1	1	2	2	2	2	1	2
	4 **Boxes,** limber	...	...	...	...	...	1	...	...	...	...	...	...
	Boxes, near	...	...	...	...	...	...	...	...	...	...	1	...
	Boxes, off	...	...	...	...	...	...	...	...	...	..	1	...
	Boxes, rear	1	...	...	...	...	...	...	...	...	...	...	...
	Boxes, store	...	...	...	...	...	...	1	1	1	...	...	...
	Chests, tool, centre ...	...	...	...	...	...	...	...	...	...	...	...	4
	Chests, tool, front	...	...	...	...	...	...	...	..	...	...	...	2
	Chests, tool, rear ...	...	...	...	...	...	...	...	...	...	...	...	2
	2 **Chains,** draught, pole, No. 2	...	...	...	...	...	2	...	...	...	...	...	...
54 Engineers. 58	28 **Drums,** cable	...	...	...	...	...	...	...	...	...	...	4	...
	7 **Forge,** double-bellows ...	...	...	1	...	...	...	...	...	...	...	...	...
	13 **Key,** pole, pin, No. 17A pole	...	...	...	...	...	1	...	...	...	...	...	...
	18 **Lashings,** tarred, 1-inch, 20 feet	...	...	...	...	...	...	...	...	4	...	...	...
	10 **Locks,** pad, iron, 2-inch ...	...	...	...	...	2	...	...	...	...	...	3	10
	4 **Pins,** linch, 3rd class ...	4	4	4	4	2	2	4	4	4	4	2	4
	28 **Pins,** main, No. 20 ...	1	...	...	...	...	...	...	...	...	...	...	...
	4 **Pins,** main, No. 24 ...	...	...	1	1	...	...	1	1	...	...	...	...
	28 **Pins,** main, No. 30 .	...	...	...	..	...	...	...	...	1	...	...	...
	13 **Pins,** pole, No. 17A pole...	...	...	..	...	...	1	...	...	..	...	...	...
	14 **Pins,** shaft	1	1	1	1	...	...	1	1	1	1	...	...
	28 **Poles,** draught, No. 17A ...	...	...	...	...	...	1	...	...	...	...	...	...
54 A.S.C. 2699	4 **Raves** (near and off) ...	...	...	2	2	...	...	...	...	...	...	...	...
	4 **Rollers,** scotch, 4-inch ...	...	...	...	1	...	...	...	...	...	...	...	...
	28 **Seats,** with back ...	...	...	1	1	...	...	...	...	..	...	...	...
	28 **Seats,** drivers'	...	...	1	1	...	...	...	...	...	...	...	...
	28 **Shafts,**	...	...	...	...	...	...	...	...	...	...	2	4
	28 **Shafts,** framed, No. 100 pair	1	1	1	1	...	...	1	1	1	1	...	...
Forms G 1096 3 and 7901 380	**Sheath,** cross-cut saw ...	...	...	..	...	...	...	...	...	...	...	...	1
	4 **Shoes,** drag, No. 7* ...	...	...	...	...	...	...	...	...	...	...	...	1
	Shoes, drag, No. 17 ...	...	...	...	...	...	...	...	...	...	1	...	...
	Shoes, drag, No. 19 ...	...	...	...	...	...	...	...	...	1	...	..	...
	28 **Shoes,** drag, No. 20 ...	...	...	...	...	...	...	1	1	...	...	...	...
	Shoes, drag, No. 21 ...	...	1	1†	1†	...	...	...	...	...	...	...	...
	Shoes, drag, No. 22 ...	1	...	...	...	...	...	...	...	...	...	...	...

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‡ For vehicles fitted with South African brake.
§ Fore and hind carts.
† Not required for wagons fitted with South African brake.

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Components, Accessories, Spare Parts, Wagon and Cart Equipment of R.E. Vehicles—*continued.*

Woolwich Section, No.	TABLE 10—*continued.* Description of Articles, &c.	Number or Quantity for: Wagons. Air Line.	Balloon, R.E.	Forge, R.E.	G.S., R.E.	Tool, Field Troop, R.E. Wagon.	Tool, Field Troop, R.E. Limber.	Lithograph.	Printing.	Pontoon.	Reservoir, Gas.	Carts. Cable.	Tool, Double, R.E.
	A.—*Not demanded or accounted for separately*—continued.												
	Sockets (leather), crowbar, set of 4 ... sets	...	...	...	...	...	...	...	...	...	...	...	1
	field level, set of 2 ... sets	...	...	...	...	...	...	...	...	...	...	...	1
	jumping bar, set of 4 sets	...	...	...	...	...	...	...	...	...	...	...	1
28	**Stools** (high and low), ...	...	...	...	...	...	...	..	2	...	...	...	...
5	**Straps,** pole bar	...	...	...	...	...	2	...	...	...	...	...	...
13	**Straps,** securing ... set	1	1	1	1	1	1	1	1	1	1	1	1
13	**Swingletrees,** No. 10A	...	...	...	...	...	2	...	...	...	...	...	...
	Table	...	...	...	...	...	...	1	1	...	...	...	...
4	**Ties,** linch-pin	4	4	4	4	2	2	4	4	4	4	2	4
7	**Vice,** bench, saddletree makers	...	...	1	...	...	...	...	...	...	...	...	...
4	**Washers,** drag, 3rd class B cart, tool, double, R.E. ...	4	4	4	4	2	2	4	4	4	4	2	2
28	**Washers,** drag, plain, cart, tool, double, R.E. ...	...	...	...	...	...	...	...	...	...	...	...	1
28		...	...	...	...	...	...	...	...	...	...	...	2
4 & 28	**Wheels**	4	4	4	4	2	2	4	4	4	4	2	4
28	**Winch** and hauling down gear	...	‡	...	...	...	...	...	...	...	...	...	...
	B.—*Demanded and accounted for separately.*												
	Accessories.												
28	**Covers,** cart	...	...	...	...	...	...	...	...	...	...	...	2
4	**Covers,** wagon	...	...	1	1	...	...	...	...	...	...	...	...
4	**Hooks,** draught, S	2	2	2	2	...	2	2	2	2	2	2	2
28	**Hoops,** bale ... ... set	...	...	1	1	...	...	...	...	...	...	...	...
10	**Locks,** pad, iron, 2-inch	...	...	...	...	...	...	2	2	...	...	...	...
28	**Seats,** cart, tool, double, R.E.	...	...	...	...	...	...	...	...	...	...	...	2
	Spare parts.												
13	**Blocks,** brake, field and transport, Mark II ...	...	...	2‡	2‡	...	...	...	...	...	...	...	...
4	**Pins,** linch, 3rd class ...	1	1	1	1	1	...	1	1	1	1	1	1
4	**Soles,** drag-shoe, No. 15 ...	...	...	...	...	...	...	...	...	...	1	...	...
	Soles, drag-shoe, No. 17 ...	1	1	1†	1†	...	...	...	...	1	...	...	...

‡ On wagon.

Home Defence and Peace only.

54 Artillery. 8623

‡ For vehicles fitted with South African brake.
† Not required for wagons fitted with South African brake.

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Components, Accessories, Spare Parts, Wagon and Cart Equipment of R.E. Vehicles—*continued.*

TABLE 10—*continued.*

Woolwich Section, No.	Description of Articles, &c.	Number or Quantity for: Wagons. Air Line.	Balloon, R.E.	Forge, R.E.	G.S., R.E.	Tool, Field Troop, R.E. Wagon.	Tool, Field Troop, R.E. Limber.	Lithograph.	Printing.	Pontoon.	Reservoir, Gas.	Carts. Cable.	Tool, Double, R.E.
	B.—*Demanded and accounted for separately*—continued.												
4	**Swingletree,** No. 3 ...	1	1	1	1	...	...	1		1	1	...	...
4	**Ties,** linch pin	4	4	4	4	4	...	4	4	4	4	2	4
4	**Washers,** drag, 3rd class B	1	1	1	1	1	...	1	1	1	1	1	1
	*Cart and Wagon Equipment.**												
7901 / 597 — 2	**Axes,** felling, curved helve	2	1	1	1	...		1	1	1	1	...	7...
	Axes, pick, head, 4½ lb. (Mark I)... ...	2	...	...	1‡	...		...	...	...	...	...	...
	Axes, pick, head, 6½ lb. ...	...	1	1	1§	...		1	1	1	1	...	...
	Axes, helve, 34½ in. ...	...	1	1	1§	...		1	1	1	1	...	...
	Axes, helve, 36 in. ferruled (Mk. I)... ...	2	...	...	1‡	...		...	...	...	...	...	...
25	**Board,** inventory	1	1	1	1	1		1	1	1	1	1	1
5	**Brush,** water, carriage ...	1	1	1	1	1		1	1	1	1	1	1
2	**Buckets,** canvas ...	...	...	...	...	6		...	...	...	...	...	...
	Buckets, water, G.S. leather ...	2	2	2	2	2		2	2	2	2	1	2
18	**Cordage,** tarred, spunyarn, hemp, 3-thread ... lbs.	5	5	5	5	5		5	5	5	5	7	5
7	**Drivers,** screw, G.S., 6-in.	...	...	...	...	1		...	...	...	...	...	...
11	**Grease,** Field's ... lbs.	6	6	6	6	6		6	6	6	6	3	6
7	**Hammers,** claw, 14 oz.	...	...	...	...	1		...	...	...	...	...	...
	Hammers, claw, 28 ,,	...	...	...	...	...		...	...	1	...	...	...
	Hammers, riveting, 16 ,,	...	...	...	...	...		...	...	...	...	1	...
2	**Hooks,** bill...	2	1	1	1	...		1	1	1	1	...	1
	Hooks, reaping, large ...	2	2	2	2	1		2	2	2	2	1	2
18	**Lashings,** white, 1 inch, 30 feet	...	...	...	...	2		...	...	...	...	...	...
10	**Locks,** pad, iron, 2-inch ...	...	2	1	1	...		...	...	1	...	...	...
7	**Pincers,** carpenters', pairs	...	...	...	...	1		...	...	...	...	...	...
18	**Ropes,** drag, light, G.S. ,,	1	1	1	1	1		1	1	...	1	1	1
2	**Shovels,** R.E.	1	1	1†	1†	2		1	1	1†	1	...	1
2	**Spades,** N.P.	3	1	1	1	...		1	1	1	1	...	1
7	**Spanners,** McMahon, 9-in.	...	...	...	...	1		...	...	...	...	1	...

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* These articles, with the exception of "Brushes" and "Buckets," are included in Tables 14 to 18.

† Two shovels for each wagon of the Pontoon Troops.

‡ For Telegraph Battalion only.

§ Not for Telegraph Battalion.

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Harness and Saddlery.

When the stock of O.P. harness is exhausted, issues to the Royal Engineers will be of the A.S.C. pattern, and the short traces shewn below will not be required.

TABLE II. Designation.	Peace.	War.	Remarks.
Woolwich Section, No. 5.			
Saddlery, Officers, sets, R.A. sets	1 per mounted officer doing duty with field units.	As for peace	
Harness, A. S. C., wheel, double sets*	Nil	1 per pair of draught horses in excess of peace establishment*	
Harness, general service† — sets, R.E., wheel — traces, harness, short (spare) pairs	1 per pair of draught horses* (near / off); 1 per wagon or double tool cart	1 per pair of draught horses on peace establishment*	For details of all sets of harness and saddlery, see Appendix VIIIB, Part I, Equipment Regulations.
Woolwich Section, No. 6.			
Saddlery, Universal, sets, R.A.	1 per public riding horse	As for peace	
Woolwich Section, No. 27.			
Packsaddlery, general service... ... ... sets	1 per pack horse ...	As for peace	

116 Engineers. 1189

* In peace each field company will have an additional double set of harness, and in war two additional double sets for use of pack animals.

† The following spare parts in addition:—

Bits, bridoon } 1 per 50 horses.
Bits, portmouth { chains, curb } 1 per 50 horses.
{ hooks, curb, 1 per 25 horses.
Hames with rings, pairs, 1 per 20 sets of double harness.
Whips, drivers, 1 per 14 sets of double harness.
Chains, hame, 1 per 20 hames.
Collars, neck; Field Depôt has 12 large size for use in training remounts.
Hames, pairs, 4 per pontoon troop and 1st and 3rd divisions Telegraph Battalion.
Traces, saddlery, 2 per Pontoon Troop.

54 Engineers. 9924

Materials for Repairing and for Preservation of Harness and Saddlery.

For materials for repair and for preservation of harness and saddlery, *see* Appendix XIV, Part 1.

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Stable Necessaries and Equitation Articles.

TABLE 12.

Designation.	Peace.	War.
Woolwich Section, No. 5.		
Bags, nose, G.S.	1 per horse (including officers)	As for peace.
Bridles, mouthing: bits	1 per 50 horses or under	Nil.
Bridles, mouthing: heads, bridle	1 per 50 horses or under	Nil.
Bridles, mouthing: reins	1 per 50 horses or under	Nil.
Bridles, snaffle: bits	2 per 20 horses or under	Nil.
Bridles, snaffle: heads, bridle	2 per 20 horses or under	Nil.
Bridles, snaffle: reins	2 per 20 horses or under	Nil.
Brushes† harness, hard	1 per double set of harness	As for peace.
Brushes† horse	1 per horse	As for peace.
Brushes† water, carriage	1 per cart or wagon	As for peace.
Cavisons	1 per 50 horses or under	Nil.
Combs, curry†	1 per horse ...	As for peace.
Couples, trace	1 per cart or wagon*	As for peace.
Crosstrees, bands, belly	1 per 50 horses or under	Nil.
Crosstrees, cruppers	1 per 50 horses or under	Nil.
Crosstrees, pads	1 per 50 horses or under	Nil.
Crosstrees, reins, running ...	2 per 50 horses or under	Nil.
Crosstrees, reins, side	4 per 50 horses or under	Nil.
Crosstrees, trees	1 per 50 horses or under	Nil.
Pans, oil†	1 per 12 horses or under	Nil.
Pickers, hoof	1 per N.C.O. and man with mounted kit	As for peace.
Rollers, breaking	1 per 50 horses or under	Nil.
Sacks, corn, 4-bush., canvas	1 per 4 draught horses	1 per 12 horses.
Scissors, trimming‡ ...	1 per riding horse and per pair of draught horses	1 per 15 horses.
Sponges, 7 drachms† ...	3 per riding and pack horse, and 4 per draught horse	As for peace.

† Annual supply. * Not required with N.P. A.S.C. harness.
‡ Supplied once in four years for riding, and once in three years for draught horses.

38/07
Equipt.
2040

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Stable Necessaries and Equitation Articles—*continued.*

TABLE 12—*continued.* Designation.	Peace.	War.
Woolwich Section, No. 5—*continued.*		
Straps, kicking	1 per 10 draught horses or under	As for peace.
Whips { hand	1 per 5 riding horses or under	Nil.
Whips { longeing	1 per 50 horses or under	Nil.

Materials for Repair and Preservation of Equitation Articles.

TABLE 13. Designation.	Peace. Annual Supply.	War.
Woolwich Section, No. 5.		
Sponges, 7 drachms... ...	2 per set of Equitation Articles	Nil.
Woolwich Section, No. 6.		
Cord, whip ... ... ozs.	2 per set of Equitation Articles	Nil.
Woolwich Section, No. 11.		
Oil, rape .... pints	¾ per set of Equitation Articles.	Nil
Soap, soft* ... ... lbs.	1¾ per set of Equitation Articles.	Nil.
Woolwich Section, No. 31.		
Linen, old ... ... ozs.	2 per set of Equitation Articles.	Nil.

* ½ bar of yellow soap may be drawn for every ¾ lb. of soft, if preferred.

NOTE.—No other materials than those given in this table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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NOTE.—In Tables 14 to 19 under the headings "War Establishments" Tools.

TABLE 14.

	Regimental Staff, Corps Engineers.	Regimental Staff Divisional Engineers.	Bridging Battalion.				Telegraph				
			Peace.			War.	Peace.				
							1st and 3rd Divisions.				
	War.	War.	12 Months' Supply. Higher Establishment Troop.	12 Months' Supply. Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 2.											
A—*Camp Equipment.*											
57 — **Axes,** felling, curved, helve...	1	...	...	...	26	27	...	1	28	...	1
24 — **Axes,** hand, 2 lbs (or 2 lb. 2 oz.)	...	...	...	...	...	...	...	...	...	...	2
2630 — **Axes,** helves, 36-in. ...	...	...	...	...	...	...	...	...	...	...	3
Boxes, stationery, field* ...	2	1	...	...	2	2	...	1	4	...	4
Flags, distinguishing, telegraph ...	...	...	...	...	...	...	...	...	20	...	5
Flags, distinguishing, poles, 12-ft.	...	...	...	...	...	...	...	...	12	...	6
Hooks, bill	1	...	...	...	26	27	...	1	28	...	7
Hooks, reaping, large ...	2	...	...	...	52	52	...	2	36	...	8
C—*Tools, &c., for Intrenching.*											
7901 — **Axes,** pick, heads, 4½ lbs. (Mk. I)	...	...	...	...	...	...	...	1	28	...	9
Axes, pick, heads, 6½ lbs.... ...	1	...	...	...	26	27	...	...	...	...	10
597 — **Axes,** pick, helves, 34½ in. ...	1	...	...	...	26	27	...	...	...	...	11
Axes, pick, helves, 36 in. ferruled (Mk. I) ...	...	...	...	...	...	...	...	1	28	...	12
Bags, sand, common	...	...	...	...	...	...	...	...	...	...	13
54 — **Bars,** crow, 5 ft.	...	...	...	...	...	...	...	...	...	...	14
Engineers — **Bars,** crow, 4 ft. 6 in.... ...	...	...	...	...	...	...	...	...	...	...	15
184 — **Bars,** crow, 3 ft. 6 in.... ...	...	...	...	...	5	5	...	...	...	...	16
Ends, pickaxe, chisel ...	...	...	...	...	...	...	...	...	...	...	17
Ends, pickaxe, point ...	...	...	...	...	...	...	...	...	...	...	18
Knives, gabion	...	...	...	...	..	...	...	...	...	...	19
54 — **Shovels,** R.E....	1	...	...	...	51	53	...	1	16	...	20
Engineers — **Shovels,** helves, 32¾ in. ..	...	...	...	...	...	...	...	...	...	...	21
184 — **Shovels,** intrenching ...	...	...	...	...	..	...	...	...	...	...	22
Spades, N.P.	1	...	...	...	26	27	...	1	40	...	23
Wire, steel, galvanised, No., 14 S.W.G., 2 strand, barbed lbs.	...	...	...	...	...	...	...	...	...	...	24
Wire, steel, galvanised, No., 18 ,, ,, ,,	...	...	...	...	...	...	...	...	...	...	25
D—*Miners' Tools and Stores.*											
Bars, boring, 3 in. hole 2 ft. 6 in.	...	...	...	...	...	...	...	...	...	...	26
Bars, boring, 1½ in. ,, 4 ft. ...	...	...	...	...	...	...	...	...	...	...	27
Bars, boring, 1¼ in. ,, 2 ft. 6 in.	...	...	...	...	2	2	...	...	...	...	28
Bars, jumping, 3 in. hole, 7 ft. ...	...	...	...	...	...	...	...	...	...	...	29
Bars, jumping, 1½ in. ,, 5 ft. 6 in.	...	...	...	...	2	2	...	...	...	...	30
Bars, tamping 1½ in. ,, 7 ft. ...	...	...	...	...	...	...	...	...	...	...	31
Grapnels, escalading	...	...	...	...	...	...	...	...	...	...	32
Hammers, miners', boring 7 lb. ...	...	...	...	...	2	2	...	...	...	...	33
Hammers, miners', boring 5 lb. ...	...	...	...	...	...	...	...	...	...	...	34
Hammers, miners', loading, 4 lb. ...	...	...	...	...	...	...	...	...	...	...	35
Ladders, rope, miners', 20 ft.	...	...	...	...	...	...	...	...	...	...	36
Needles, priming, 7 ft. ...	...	...	...	...	...	...	...	...	...	...	37

* Packed with forms, books, &c.

‖ In desert countries, 84 lbs. of plain wire and 28 lbs. of barbed wire will be carried.

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the expendible stores shown are based on a three months' supply.

Tools.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, Submarine Mining, and Depôt Companies.‡	Railway Company.†	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.			
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.		Peace Establishment.	War Establishment.
1	1	28	...	18	24	...	8	9	...	42	43	...	57	60	...	...	1
2	...	...	...	6	6	...	...	...	...	26	26	...	...	...	...	...	8
3	...	...	...	3	3	...	...	...	...	14	14	...	20	20	...	...	...
4	1	4	...	2	2	...	2	2	...	2	2	...	2	2	2	2	2
5	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	1	28	...	24	24	...	8	9	...	46	47	...	57	60	...	...	8
8	2	36	...	12	18	...	16	18	...	6	6	...	32	38	...	...	2
9	1	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	18	21	...	8	9	...	74	75	...	57	60	...	...	1
11	...	...	...	27	27	...	8	9	...	94	95	...	79	82	...	...	1
12	1	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	600	600	...	...	...	...	1000	1000	...	2000	2000	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...
15	...	...	...	...	...	...	...	...	...	10	10	...	4	4	...	...	...
16	...	...	...	6	6	...	...	...	...	...	...	...	4	4	...	...	...
17	...	...	...	...	...	...	...	...	...	12	12	...	50	50	...	...	...
18	...	...	...	...	...	...	...	...	...	24	24	...	100	100	...	...	...
19	...	...	...	...	...	...	...	...	...	22	22	...	36	36	...	...	...
20	1	16	...	12	18	...	8	9	...	114	115	...	87	90	...	...	1
21	...	...	...	...	...	...	...	...	...	10	10	...	24	24	...	...	...
22	...	...	...	...	...	...	8	9	...	...	...	...	...	...	...	...	...
23	1	40	...	30	33	...	8	9	...	12	13	...	9	12	...	...	1
24	...	...	56	...	84	...	...	...	...	...	112‖	...	...	112	...	...	...
25	...	...	...	...	...	...	...	...	...	...	28§	...	...	56	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...
27	...	...	...	3	3	...	...	...	...	4	4	...	...	...	...	...	...
28	...	...	...	3	3	...	...	...	...	8	8	...	4	4	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	...	...
30	...	...	...	...	...	...	...	...	...	4	4	...	4	4	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...
32	...	...	...	...	...	...	...	...	...	...	...	...	6	6	...	...	...
33	...	...	...	3	3	...	...	...	...	4	4	...	4	4	...	...	...
34	...	...	...	4	4	...	...	...	...	6	6	...	...	...	...	...	...
35	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	...	...
36	...	...	...	1	1	...	...	...	...	1	1	...	1	1	...	...	...
37	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.
‡ Including Coast Battalion and Local Companies.
§ Only in desert countries, *see* ‖.

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Tools—

TABLE 14—*continued.*

		Bridging Battalion. Peace. 12 Months' Supply, Higher Establishment Troop.	Bridging Battalion. Peace. 12 Months' Supply, Lower Establishment Troop.	Bridging Battalion. Peace. Establishment per Pontoon Troop.	Bridging Battalion. War. Establishment per Pontoon Troop.	Telegraph. Peace. 1st and 3rd Divisions. 12 Months' Supply, each Division.	Telegraph. Peace. 1st and 3rd Divisions. Headquarters, Establishment.	Telegraph. Peace. 1st and 3rd Divisions. 4 Sections.	Telegraph. Peace. 2nd Division.	
	Woolwich Section, No. 2—*continued.*									
40116 / Thames / 192	**Scoops** and **Scrapers,** 3 in. hole, 4 ft. ...	...	...	...	...	...	...	...	...	1
	1½ in. ,, 4 ft. ...	...	...	...	...	...	...	...	...	2
	1½ in. ,, 6 ft. 6 in.	...	...	2	2	...	...	...	...	3
	Wedges, sawyers, steel, 8-inch ...	...	...	6	6	...	...	...	...	4
7901 / 465	**Woolwich Section, No. 7.** *Tools, Artificers' and Labourers'.*									
	Chests, stocks and dies, Whitworth thread, 1⅛ in. to ¼ in., filled	...	...	1	1	...	1	...	...	5
	1 in. to ⅜ in., filled ...	...	...	...	...	...	...	...	...	6
54 / Engineers / 169	**Chests,** tool, empty, No. 3 ...	...	...	...	...	...	...	4	...	7
	,, 5 ...	...	...	...	...	...	...	4	...	8
	,, 11 ...	...	...	...	...	...	...	4	...	9
	Chests, tool, filled,§ No. 2 ...	...	...	...	...	...	...	...	...	10
	No. 3A ...	...	...	2	1	...	...	...	...	11
	No. 3C ...	...	...	2	1	...	1	...	...	12
	No. 4A ...	...	...	...	...	...	...	4	...	13
	No. 5A ...	...	...	4	2	...	...	4	...	14
	No. 6C ...	...	...	...	...	...	...	...	...	15
	No. 6D ...	...	...	..	...	...	...	...	...	16
	No. 7† ...	...	...	2	2	...	...	4	...	17
	No. 11C ...	...	...	...	...	...	...	...	...	18
	No. 11E ...	...	...	2	1	...	1	...	...	19
40116 / 5844	No. 12A ...	...	...	2	1	...	...	...	...	20
	No. 12B ...	...	...	...	...	...	...	...	...	21
	No. 12D ...	...	...	...	...	...	...	...	...	22
	No. 13A ...	...	...	3	1	...	...	...	...	23
	No. 13B ...	...	...	...	...	...	...	...	...	24
	telegraph mechanics', sets of 4 set	...	...	...	...	...	1	...	...	25
57 / Gen. No. / 2075	screw cutting ‡, bolt and nut Mark II.‖, A	...	...	1	1	...	...	...	...	26
	B	...	...	1	1	...	1	...	...	27
	C	...	...	1	1	...	1	...	...	28
	D	...	...	1	1	...	1	...	...	29
	iron and steel tube Mark II. ...	...	...	...	...	...	...	...	...	30
	Adzes, carpenters' ...	...	...	10	10	...	...	...	...	31
54	**Anvils,** 1¼ cwt. ...	...	...	...	...	...	...	...	...	32
Engineers / 270	**Aprons,** basil, brown ...	...	...	...	...	...	...	16	...	33
	Augers, screw, bull-nosed, 2 in. ...	...	...	4	4	...	...	..	...	34
	common, ⅝ in.	...	...	...	...	...	...	12	...	35
	common, ⅞ in.	...	...	...	...	...	...	12	...	36
	shell, 1⅜ in. ...	...	...	4	4	...	...	...	...	37
	1¼ in. ...	...	...	...	...	...	...	4	...	38
	1⅛ in. ...	...	...	4	4	...	...	...	...	39
	¾ in. ...	...	...	4	4	...	...	...	...	40
	⅝ in. ...	...	...	...	...	...	...	4	...	41
	½ in. ...	...	...	...	...	...	...	4	...	42

† Not in addition to chests allowed by para. 213, Part I, Equipment Regulations.
For additional forge and shoeing tools, *see* para. 213, Part I, Equipment Regulations.
§ For details of contents of Chests, *see* pages 99 to 125.
‡ For details of contents of Chests, *see* Appendix V., Part I.

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continued.

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	Fortress, Survey, and Railway* Companies.
	Headquarters, Establishment.	4 Sections,	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Establishment.	
1	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...
2	...	...	...	3	3	...	...	...	...	4	4	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...
4	...	...	...	6	6	...	...	...	...	6	6	...	18	18	...	...
5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
6	...	...	...	1	1	...	1	1	...	1	1	...	1	1	1	...
7	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	4	...	..	...	...	...	...	...	...	...	...	...	...	...	...
9	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	3	3	...	...	...	...	2	2	...	2	2	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	1	...	...	1	1	...	...	...	...	...	...	...	...	...	..	...
13	...	4	...	6	6	...	..	...	...	12	12	...	4	4	...	...
14	...	4	...	1	1	...	1	1	...	1	1	...	1	1	1	...
15	...	...	...	...	...	...	...	...	...	...	...	...	1	1	..	...
16	...	...	...	...	...	...	1	1	...	1	1	...	1	1	1	...
17	...	4	...	1	2	...	...	...	...	1	2	...	1	2	..	...
18	...	...	...	1	1	...	1	1	...	2	2	...	1	1	1	...
19	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
22	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	1	1	...	1	1	1	...
25	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
27	1	...	...	1	1	...	1	1	...	1	1	...	1	1	1	...
28	1	...	...	1	1	...	1	1	...	1	1	...	1	1	1	...
29	1	...	...	1	1	...	1	1	...	1	1	...	1	1	1	...
30	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	...	...	...	...	...	...	1	1	...	1	1	...	...	...	..	...
33	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	...	...	6	6	...	...	...	...	4	4	...	6	6	...	..
35	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	...	4	...	3	3	...	...	...	...	1	1	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	...	4	...	3	3	...	...	...	...	1	1	...	...	...	...	...
42	...	4	...	3	3	...	...	...	...	1	1	...	...	...	...	...

* For technical equipment of a Railway Company, *see* Table 20.

‖ These Chests will be issued in lieu of "Chests, stocks and dies, Whitworth thread," as they become unserviceable.

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Tools—

TABLE 14—*continued.*

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Division. 12 Months' Supply, each Division.	1st and 3rd Division. Headquarters, Establishment.	1st and 3rd Division. 4 Sections.	2nd Division.	
Woolwich Section, No. 7—*continued.*									
Auger, handles, 18½ in.	...	...	4	4	...	...	...	...	1
Auger, handles, 16 in.	...	...	8	8	...	...	16	...	2
Auger, handles, 13½ in.	...	...	...	...	...	...	...	...	3
Auger, handles, 12 in.	...	...	4	4	...	...	16	...	4
Awls, blades, brad	...	...	...	...	...	...	48	...	5
Awls, handles, brad, large	...	...	...	...	...	...	4	...	6
Awls, handles, brad, small	...	...	...	...	...	...	28	...	7
Axes, carpenters', 6½ lbs	...	...	...	...	...	...	...	...	8
Axes, wheelers', 7 lbs.	...	...	...	...	...	...	4	...	9
Baskets, tool*	...	...	...	...	...	...	24	...	10
Blocks, anvil, 1½ cwt.	...	...	...	...	...	...	...	...	11
Braces, carpenters', with 24 bits‖	...	...	...	...	...	...	4	...	12
Braces, ratchet, 18 in.	...	...	...	...	...	...	...	...	13
Braces, ratchet, 18 in. drills, 1½ in.	...	...	...	...	...	...	...	...	14
Braces, ratchet, 18 in. drills, ¾ in.	...	...	...	...	...	...	...	...	15
Braces, ratchet, 18 in. drills, ⅝ in.	...	...	...	...	...	...	...	...	16
Braces, ratchet, 18 in. drills, ¼ in.	...	...	...	...	...	...	...	...	17
Braces, post 24 inch	...	...	2	1	...	1	...	...	18
Brushes, watchmakers'	...	...	...	...	...	...	16	...	19
Cans, oil, lubricating, G.S.	...	...	...	...	...	...	16	...	20
Card, scratch ... feet	...	...	...	...	3	...	...	...	21
Cases, auger	...	...	...	...	...	...	...	...	22
Cases, diamond	...	...	...	...	...	...	...	...	23
Cases, saw, hand	...	...	9	9	...	...	24	...	24
Chisels, brick, 24 in. (all steel)	...	...	...	...	...	...	...	...	25
Chisels, brick, 18 in. ,,	...	...	...	...	...	...	...	...	26
Chisels, firmer, 1½ in.	...	...	...	...	...	...	8	...	27
Chisels, firmer, 1 in.	...	...	...	...	...	...	4	...	28
Chisels, firmer, ¾ in.	...	...	...	...	...	...	4	...	29
Chisels, firmer, ½ in.	...	...	...	...	...	...	4	...	30
Chisels, hand, cold, 1 in. by 8½ in.	...	...	...	...	...	...	4	...	31
Chisels, hand, cold, ¾ in. by 8 in.	...	...	...	...	...	...	4	...	32
Chisels, ripping	...	...	2	2	...	1	4	...	33
Chisels, smiths', hot	...	...	...	...	...	...	...	...	34
Chisels, socket, ⅜ in.	...	...	...	...	...	...	4	...	35
Chisels, tinmans', 1 in.	...	...	...	...	...	...	12	...	36
Chisels, tinmans', ½ in.	...	...	...	...	...	...	12	...	37
Cloth, emery, fine ... quires	...	...	...	...	5	...	...	...	38
Cloth, emery, flour ,,	...	...	...	...	1	...	...	...	39
Cloth, emery, middling ,,	...	...	...	...	1	...	...	...	40
Diamonds, glaziers'	...	...	...	...	...	...	...	...	41
Dogs, railway, and sawyers', straight, Mark II, 12 in.	200	200	80	80	...	...	...	...	42
Drivers, screw, G.S., 14 in.	...	...	...	...	...	...	12	...	43
Drivers, screw, G.S., 9 in.	...	...	2	2	...	1	20	...	44
Drivers, screw, G.S., 6 in.	...	...	...	...	...	...	...	...	45

54 Gen. No. 8216

54 Engineers 9924

7901 8569 97 §10313 L. of C.

* Those supplied to Telegraph Battalion, R.E., are fitted with bands and handles of leather in place of webbing.

‖ For detail of bits, see page 100.

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continued.

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway† Companies.
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	
1	...	...	...	6	6	...	...	...	...	4	4	...	6	6	...
2	...	16	...	3	3	...	...	...	...	1	1	...	...	...	...
3	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
4	...	16	...	3	3	...	...	...	...	1	1	...	...	...	...
5	...	48	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	..	...	3	3	...	...	...	...	1	1	...	...	...	...
9	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	24	...	6	6	...	...	...	...	...	...	...	6	6	...
11	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...
12	...	4	...	...	...	...	...	...	...	1	1	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
14	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
15	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
16	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
17	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
18	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	16	...	...	...	...	...	...	...	...	...	...	...	..	...
21	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	6	6	...	...	...	...	4	4	...	6	6	...
23	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...
24	...	24	...	12	12	...	...	...	...	16	16	...	12	12	...
25	...	...	...	...	...	...	...	...	...	6	6	...	6	6	...
26	...	...	...	3	3	...	...	...	...	8	8	...	6	6	...
27	...	8	...	1	1	...	...	...	...	...	...	...	...	...	...
28	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
29	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
30	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
31	...	4	...	...	...	...	...	...	...	...	...	...	6	6	...
32	...	4	...	...	...	...	...	...	...	...	...	...	6	6	...
33	1	4	...	1	1	...	1	1	...	1	1	...	1	1	...
34	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
35	...	4	...	1	1	...	1	1	...	1	1	...	...	...	...
36	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
38	1	4	...	...	...	1	...	...	...	...	...	...	...	...	...
39	1	...	...	...	...	½	...	...	...	...	...	...	...	...	...
40	1	...	...	...	...	½	...	...	...	...	...	...	...	...	...
41	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...
42	...	...	...	60	60	...	...	...	...	68	68	...	100	100	...
43	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
44	1	20	...	1	1	...	1	1	...	1	1	...	1	1	...
45	...	...	...	6	6	...	...	...	...	...	...	...	...	...	...

For technical equipment of a Railway Company, *see* Table 20.

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Tools—

TABLE 14—*continued.*

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
					1st and 2nd Divisions.				
	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 7—*continued.*									
Dust, oilstone ... ... ozs.	...	...	...	...	6	...	...	...	1
Files, bastard, half-round, 10 in. ...	...	...	...	...	...	...	12	...	2
rough, flat, 10 in.	...	...	...	...	...	...	12	...	3
rough, flat, 8 in.	...	...	...	...	...	...	4	...	4
rough, half round, 14 in. ...	...	...	...	...	...	...	8	...	5
rough, half round, 10 in. ...	...	...	...	...	...	...	12	...	6
rough, round, 12 in.	...	...	...	...	...	...	4	...	7
rough, square, 12 in.	...	...	...	...	...	...	4	...	8
rough, three square, 6 in. ...	...	...	...	...	...	...	12	...	9
saw, gulleting for pit and frame, 7 in.	...	...	...	...	...	...	...	...	10
saw, gulleting for pit and frame, 6 in.	...	...	6	6	...	...	...	...	11
saw, three-square, cross cut, 8 in. ...	...	...	6	6	...	...	...	...	12
saw, three-square, hand, 5½ in.	...	...	...	...	...	...	48	...	13
saw, three-square, tenon, 4 in.	...	...	...	...	...	...	24	...	14
smooth, safe edge, 8 in.	...	...	...	...	...	...	12	...	15
54 Engineers. 9924 **Forges,** double bellows*	...	...	1	1	...	...	4	...	16
Gimlets, common, No. 3	...	...	...	...	...	...	24	...	17
Gimlets, spike, 3/16 in.	...	...	...	...	...	...	...	...	18
Gimlets, spike, ¼ in.	...	...	...	...	...	...	28	...	19
38407 Equip. 2039 **Gouges,** handled, firmer, scribing, ½ in.	...	...	...	...	...	...	4	...	20
Grindstones, F.S. 18 in. ...	...	...	1	1	...	...	...	...	21
Grindstones, F.S. 10 in. ...	...	...	...	...	...	...	4	...	22
Grindstones, 36 in.	...	...	1	...	...	...	...	...	23
Hammers, claw, 14 oz.	...	...	...	...	...	...	...	...	24
Hammers, claw, 28 ,, ...	...	...	23	23	...	...	...	...	25
Hammers, masons', mash	...	...	...	...	...	...	...	...	26
Hammers, masons', spalling, 10 lb.... ...	...	...	...	...	..	..	...	...	27
Hammers, riveting, 24 oz.	...	...	2	2	...	1	24	...	28
Hammers, riveting, 16 oz.	...	...	...	...	...	...	20	1	29
8121 L. of C. **Hammers,** smiths', uphand, 7 lb.	...	...	...	...	...	...	4	...	30
Hammers, tinmans', creasing, 10 oz.... ...	...	...	...	...	...	...	...	...	31
Hammers, wheelers', shoeing	...	...	10	10	...	...	...	...	32
Hammers, handles, 36 in., stout (spare)	...	...	...	...	...	...	100	...	33
Handles, file, middling	...	...	...	...	...	...	44	...	34
Holdalls, smiths'	...	...	...	...	...	...	4	...	35
54 Engineers 9979 **Irons,** soldering, tinmans'	...	...	...	...	...	...	16	...	36
Knives, clasp	...	...	...	...	...	...	156	...	37
Levels, F.S., 4 ft., Mark III ...	...	...	2	2	...	...	...	...	38
Levels, spirit rule	...	...	...	...	...	...	...	...	39
Mallets, tinmans'	...	...	...	...	...	...	...	...	40
Needles, darning, 3-inch	...	...	...	...	...	...	...	...	41
Paper, glass, coarse.. sheets	...	...	...	...	...	...	...	...	42
Paper, glass, fine, No. 1 ,,	12	6	...	6	12	...	...	..	43
Paper, glass, fine, ,, 2 ,,	15	8	...	...	...	...	...	...	44
Paper, glass, middling ,,	...	...	...	6	15	...	...	...	45

* In addition to the "forge, double bellows," shown on page 15, as a component to the "wagon, forge, R.E."

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continued.

Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway† Companies.
War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	
1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	6	6	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	48	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	24	...	6	6	...	...	...	...	...	...	...	...	...	...
15	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	4	...	1	1	...	1	1	...	1	1	...	1	1	...
17	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	3	3	...	...	...	...	...	...	...	24	24	...
19	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	4	...	1	1	...	...	...	...	1	1	...	...	...	...
21	...	...	...	1	1	...	...	...	...	3	3	...	2	2	...
22	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	6	6	...	...	...	...	...	...	...	...	...	...
25	...	...	...	12	12	...	...	...	...	16	16	...	12	12	...
26	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...
27	...	...	...	...	...	...	...	...	...	2	2	...	4	4	...
28	1	24	...	1	1	...	1	1	...	1	1	...	1	1	...
29	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	4	...	1	1	...	...	...	...	2	2	...	...	...	...
31	...	...	...	1	1	...	...	...	...	1	1	...	...	...	...
32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	...	100	...	3	3	...	...	...	...	4	4	...	6	6	...
34	...	44	...	...	...	...	...	...	...	...	...	...	...	...	...
35	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	16	...	1	1	...	...	...	...	1	1	...	...	...	...
37	...	156	...	9	9	...	...	...	...	6	6	...	6	6	...
38	...	...	...	3	3	...	...	...	...	4	4	...	4	4	...
39	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
40	...	...	...	1	1	...	...	...	...	1	1	...	...	...	...
41	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...
42	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...
43	...	...	2	...	...	2	...	...	2	...	...	2	...	12	...
44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45	...	...	3	...	...	3	...	...	3	...	...	3	...	...	...

† For technical equipment of a Railway Company, see Table 20.

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Tools—

TABLE 14—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Divisions. 12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 7—*continued.*									
54	**Pencils,** carpenters'	24	24	12	12	24	...	...	...	1
Engineers	**Pincers,** ,, ... * ... pairs	...	...	10	10	...	...	12	...	2
9924	**Pins,** draw-bore, 12 in.	...	...	...	...	...	...	...	...	3
§ 8199	**Planes,** jack, double iron ...	...	...	...	...	...	...	4	...	4
L. of C.	**Planes,** rabbet, skew	...	...	...	...	...	...	4	...	5
54	**Planes,** smoothing, G.S.	...	...	...	...	...	...	4	...	6
Engineers	**Pliers,** side 8 in. ... pairs	...	...	20	20	...	...	156	...	7
	Pliers, cutting, cutters	...	...	40	40	...	...	...	...	8
9859	**Plugs,** with feathers ... ... sets	...	...	...	...	...	...	...	...	9
...	**Points,** masons'	...	...	...	...	...	...	...	...	10
	Pots, fire, telegraph mechanics' ...	...	...	...	...	...	...	4	...	11
5979	**Pots,** glue, 1 quart	...	...	2	1	...	...	...	...	12
	Powder, emery 80-hole ... lbs.	...	...	...	...	1	...	...	...	13
	Powder, emery flour ... ,,	...	...	...	...	1	...	...	...	14
	Punches, smiths', hot, 5/8 in.	...	...	...	...	...	...	4	...	15
	Punches, smiths', hot, 3/4 in.	...	...	...	...	...	...	4	...	16
...	**Punches,** smiths', hot, 7/8 in.	...	...	...	...	...	...	4	...	17
9924	**Rules,** collarmakers, 4-fold	...	...	...	...	...	...	12	...	18
	Saws, compass	...	...	...	...	...	...	...	...	19
	Saws, cross-cut blades, 5 ft. ...	...	...	8	8	...	...	...	...	20
	Saws, cross-cut handles ...	...	...	16	16	...	...	...	...	21
	Saws, hand, 26-in.	...	...	9	9	...	...	24	...	22
	Saws, pit, blades 8 ft.	...	...	4	4	...	...	...	...	23
	Saws, pit, blades 7 ft.	...	...	...	...	...	...	...	...	24
	Saws, pit, boxes	...	...	8	8	...	...	...	...	25
	Saws, pit, tillers	...	...	8	8	...	...	...	...	26
	Saws, pit, handles...	...	...	8	8	...	...	...	...	27
	Saws, tenon, 19 in....	...	...	...	...	...	...	...	...	28
...	**Saws,** tenon, 14 in.*	...	...	1	1	...	...	4	...	29
9924	**Shears,** tinmans', snip... ... pairs	...	...	1	1	...	...	...	...	30
	Spanners, McMahon 15 in. ...	...	...	9	9	...	...	24	...	31
	Spanners, McMahon 9 in.... ...	...	...	...	...	...	...	16	...	32
	Spikes, marline, iron, 10 in.	...	...	8	8	...	...	...	...	33
	Stones, oil, carpenters	...	...	2	2	...	...	16	...	34
	Tongs, gasfitters', ¾ in. ... pairs	...	...	...	...	...	...	...	...	35
	Tongs, gas, shifting... ... ,,	...	...	...	...	...	...	...	...	36
	Trowels, bricklayers', 12 in. ...	...	...	...	...	...	...	...	...	37
	Trowels, masons'	...	...	...	...	...	...	...	...	38
...	**Vices,** bench, saddle-tree makers'	...	...	...	...	...	...	4	...	39
9924	**Vices,** standing, 36 lbs.	...	...	1	1	...	...	...	...	40
	Vices, standing, 80 lbs., with iron bench† ...	...	...	2	1	...	1	...	...	41
	Wire, brass, No. 8 W.G. ... lbs.	...	...	...	...	4	...	...	...	42
	Wire, brass, ,, 11 ,, ... ,,	...	...	...	...	3	...	...	...	43
	Wire, brass, ,, 20 ,, ... ,,	...	...	...	...	1	...	...	...	44
	Wire, brass, ,, 24 ,, ... ,,	...	...	...	...	1	...	...	...	45

* Butchery implements, in addition to those shown on page 60.
† Supplied by the R.E. Department.

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continued.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1	...	48	...	...	24	...	...	...	...	...	12	24	...	24	...
2	...	12	...	6	6	...	...	...	...	...	...	...	...	...	...
3	...	...	...	2	2	...	...	...	...	...	...	...	2	2	...
4	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
5	...	4	...	1	1	...	...	...	...	...	..	...	...	...	...
6	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
7	...	156	...	15	15	...	...	...	...	6	6	...	6	6	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
9	...	...	...	3	3	...	...	...	...	4	4	...	6	6	...
10	...	...	...	...	...	...	...	...	...	...	...	...	12	12	...
11	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...
20	...	...	...	3	3	...	...	...	...	4	4	...	4	4	...
21	...	...	...	6	6	...	...	...	...	8	8	...	8	8	...
22	...	24	...	12	12	...	...	...	...	16	16	...	12	12	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
25	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
26	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
27	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
28	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...
29	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
31	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
32	...	16	...	6	6	...	...	...	...	...	...	...	...	...	...
33	...	...	...	3	3	...	...	...	...	4	4	...	2	2	...
34	...	16	...	3	3	...	...	...	...	4	4	...	4	4	...
35	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
36	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
37	...	...	...	...	...	...	...	...	...	4	4	...	6	6	...
38	...	...	...	...	...	...	...	...	...	4	4	...	6	6	...
39	...	4	...	1	1	...	...	...	...	...	...	...	...	...	...
40	...	...	...	...	...	...	1	1	...	2	2	...	1	1	...
41	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Tools—

TABLE 14—*continued.*

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
					1st and 3rd Divisions.				
	12 Months' Supply. Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 7—*continued.*									
Wire, copper, No. 1 W.G. soft lbs.	2¼	1¼	...	1	2	...	...	...	1
,, 7 ,, hard ,,	2¼	1¼	...	1	½	...	...	...	2
Wire, iron, ,, 1 ,, ,, ,,	2	1	...	1	2½	...	...	...	3
,, 4 ,, ,, ,,	4½	2	...	1	4	...	...	...	4
,, 7 ,, ,, ,,	6	3	...	1	4	...	...	...	5
,, 14 ,, soft ,,	...	...	...	...	...	...	...	...	6
,, 16 ,, ,, ,,	...	...	...	...	...	...	...	...	7
,, 16 B.W.G. ,, (galvanised soft)	...	...	...	...	...	...	...	...	8
Wire, steel, No. 20 W.G. ,,	...	...	...	...	1	...	...	...	9
,, 24 ,, ,,	...	...	...	...	1	...	...	...	10
Woolwich Section, No. 10.									
E. Platelayers' Tools, &c.									
Beaters heads	...	...	...	...	...	...	...	...	11
Beaters helves	...	...	..	...	...	...	...	...	12
Braces ratchet platelayers'... ...	...	...	...	...	...	...	...	...	13
Braces drills 1 in.	...	...	...	...	...	...	...	...	14
Braces drills ⅞ in.	...	...	...	...	...	...	...	...	15
Braces drills ¾ in.	...	...	...	...	...	...	...	...	16
Cramps, ratchet brace	...	...	...	...	...	...	...	...	17
Gauges, platelayers', common, 4 ft. 8½ in.	...	...	...	...	...	...	...	...	18
§ 8121 L. of C. **Hammers,** platelayers', keying	...	...	...	...	...	...	...	...	19
Hammers, platelayers', sledge, Mark II ...	...	...	2	2	...	...	...	...	20
Rail-benders, with spanners, large	...	...	...	...	...	...	...	...	21

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continued.

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1	...	...	½	...	...	...	...	...	½	...	...	½	...	1	...
2	...	...	½	...	...	...	...	...	½	...	...	½	...	1	...
3	...	...	½	...	...	...	...	...	½	...	...	½	...	1	...
4	...	...	¾	...	...	...	...	...	¾	...	...	¾	...	1	...
5	...	...	¾	...	...	...	...	...	¾	...	...	¾	...	1	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	112	...
7	...	...	10	...	10	10	...	...	10	...	10	...	...	...	...
8	...	...	...	...	15	...	...	...	...	...	10	...	...	...	...
9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	10	10	...
12	...	...	...	...	...	...	...	...	...	...	...	...	10	10	...
13	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
14	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
15	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
16	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
17	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
18	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
19	...	...	...	...	...	...	...	...	...	...	...	...	6	6	...
20	...	...	...	3	3	...	...	...	...	5	5	...	6	6	...
21	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...

† For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15.

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Division. 12 Months' Supply, each Division.	1st and 3rd Division. Headquarters, Establishment.	1st and 3rd Division. 4 Sections.	2nd Division.	
Woolwich Section, No. 2.									
A—*Camp Equipment.*									
Appliances for the conveyance and storage of water, special services, Troughs, water-proof, 600 gallons ...	...	...	...	...	...	...	...	...	1
Colours, camp	...	...	12	12	...	...	...	...	2
Mallets, heel peg and small picket‡...	...	...	...	...	...	2	28	...	3
Mauls, G.S. Mark III	...	...	12	12	...	...	24	...	4
Posts, picket, 5 feet	...	...	20	20	...	...	...	...	5
Posts, picket, 2½ feet, with iron loop	...	...	40	40	...	...	...	...	6
Pumps, lift and force, to lift 60 feet	...	...	...	...	...	...	...	...	7
Pumps, tripod...	...	...	...	...	...	...	...	...	8
Tents, mallets	...	...	...	...	...	...	...	...	9
Tents, ,, handles	...	...	...	...	...	...	...	...	10
Tents, pins, wood, large	...	...	...	...	...	...	780	...	11
Wells, tube, 1¼-inch...	...	...	1	1	...	...	...	...	12
Wells, tube, ,, apparatus, driving sets	...	...	1	1	...	...	...	...	13
C—*Tools, &c., for intrenching.*									
Lamps, tracing	...	...	...	...	...	...	...	...	14
Pickets, tracing, barked	...	...	...	...	...	...	...	...	15
Tapes, tracing	...	...	4	4	...	...	...	...	16
Woolwich Section, No. 9.									
Metals.									
Brass, sheet, ¼ in. thick ... ... lbs.	...	...	...	...	4	...	...	...	17
Brass, sheet, 3/16 ,, ,, ... ,,	...	...	...	...	4	...	...	...	18
Brass, sheet, ⅛ ,, ,, ... ,,	...	...	...	...	3	...	...	...	19
Brass, sheet, 3/32 ,, ,, ... ,,	...	...	...	...	2	...	...	...	20
Brass, sheet, 1/16 ,, ,, ... ,,	..	...	...	...	1	...	...	...	21
Iron, wrought, I C No. 1, bars, flat, of sizes ... ... ,,	...	...	...	...	266	...	...	...	22
Iron, wrought, I C No. 1, bars, flat, 3 in. by ½ in. ... ,,	21	10	...	12	...	...	...	...	23
Iron, wrought, I C No. 1, bars, flat, 2 ,, by ½ ,, ... ,,	28	14	...	12	...	...	...	...	24
Iron, wrought, I C No. 1, bars, flat, 2 ,, by ¼ ,, ... ,,	24	12	...	14	...	...	...	...	25
Iron, wrought, I C No. 1, bars, flat, 1½ ,, by 1 ,, ... ,,	28	14	...	14	...	...	...	...	26
Iron, wrought, I C No. 1, bars, flat, 1½ ,, by ⅜ ,, ... ,,	28	14	...	12	...	...	...	...	27
Iron, wrought, I C No. 1, bars, flat, 1¼ ,, by ⅝ ,, ... ,,	28	14	...	12	...	...	...	...	28
Iron, wrought, I C No. 1, bars, flat, 1¼ ,, by ¼ ,, ... ,,	28	14	...	8	...	...	...	...	29
Iron, wrought, I C No. 1, bars, flat, 1 ,, by ½ ,, ... ,,	28	14	...	12	...	...	...	...	30
Iron, wrought, I C No. 1, bars, flat, 1 ,, by ⅜ ,, ... ,,	28	14	...	8	...	...	...	...	31
Iron, wrought, I C No. 1, bars, flat, 1 ,, by ¼ ,, ... ,,	28	14	...	7	...	...	...	...	32
Iron, wrought, I C No. 1, bars, flat, ¾ ,, by ¼ ,, ... ,,	18½	9	...	4	...	...	...	...	33
Iron, wrought, I C No. 1, bars, round, of sizes ... ... ,,	...	...	...	...	224	...	...	...	34
Iron, wrought, I C No. 1, bars, round, 1⅜ in. ... ... ,,	28	14	...	7	...	...	...	...	35
Iron, wrought, I C No. 1, bars, round, 1 ,, ... ,,	28	14	...	7	...	...	...	...	36
Iron, wrought, I C No. 1, bars, round, 7/8 ,, ... ,,	21	10	...	12	...	...	...	...	37
Iron, wrought, I C No. 1, bars, round, 3/4 ,, ... ,,	112	56	...	14	...	...	...	...	38
Iron, wrought, I C No. 1, bars, round, 5/8 ,, ... ,,	32½	16	...	8	224	...	...	...	39
Iron, wrought, I C No. 1, bars, round, 1/2 ,, ... ,,	28	14	...	7	..	...	...	...	40
Iron, wrought, I C No. 1, bars, round, 3/8 ,, ... ,,	28	14	...	15	...	...	...	...	41
Iron, wrought, I C No. 1, bars, round, 5/16 ,, ... ,,	28	14	...	7	...	...	...	...	42
Iron, wrought, I C No. 1, bars, round, ¼ ,, ... ,,	56	28	...	14	...	...	...	...	43

57 / 24 / 2440 — **Posts,** picket, 5 feet / 2½ feet, with iron loop

54 / Engineers / 270 — **Iron,** wrought, I C No. 1, bars, flat / bars, round

‡ To be available for camp equipment purposes.

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Stores.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway† Companies.
1	...	...	...	...	3	...	...	...	...	...	...	...	...	6	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	4	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	24	...	6	6	...	4	4	...	10	10	...	6	6	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	72*	...	20	20	...	12	12	...	...	144*	...	...
7	...	...	...	1	1	...	...	...	...	...	...	...	2	2	...	...
8	...	...	...	3	3	...	...	...	...	1	1	...	3	3	...	...
9	...	...	...	3	3	...	...	...	...	4	9	...	6	6	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	24	24	...	...
11	...	780	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...
14	...	...	...	...	...	...	...	...	...	4	4	...	4	4	...	...
15	...	...	...	...	...	...	...	...	...	250	250	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	12	12	...	20	20	...	...
17	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	42	...	...	42	...	...	84	...	...	84	...	56	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	..	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
27	...	56	...	...	28	...	...	14	...	...	56	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	..	56	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
32	...	...	...	...	28	...	...	14	...	...	56	...	...	...	...	...
33	...	28	...	...	...	...	...	...	...	...	1	...	...	...	...	...
34	...	...	56	...	...	56	...	...	112	...	...	112	...	42	...	..
35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	56	...	...	...	...	...	...	...	...	...	...	...	56	...	...
40	...	...	...	...	56	...	...	28	...	...	112	...	...	...	20	...
41	...	28	...	...	...	...	...	...	...	...	4	...	...	...	20	...
42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..

† For technical equipment of a Railway Company, *see* Table 20.
* Mark I, for waterproof troughs.

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Miscellaneous

TABLE 15—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment	4 Sections.	2nd Division.	
Woolwich Section, No. 9—*continued.*										
Iron, wrought, I C, No. 1. — bars, square,	of sizes ... ... lbs.	...	...	...	...	112	...	...	...	1
	1½ in. ... ... ,,	28	14	...	7	...	...	...	...	2
	¼ ,, ... ,,	112	56	...	7	...	...	...	...	3
	⅙ ,, ... ,,	...	...	...	...	...	...	...	...	4
	½ ,, ... ,,	14	7	...	7	...	...	...	...	5
	⅜ ,, ... ,,	28	14	...	7	...	...	...	...	6
	tubing or barrel ... ft.	...	...	...	...	14	...	...	...	7
Iron, wrought, I C, No. 1. — hoop,	of sizes ... ... lbs.	...	...	...	...	56	...	...	...	8
	2 in., No. 10, B.W.G. ,,	28	14	...	7	...	...	...	...	9
	1½ ,, ,, 14, ,, ,,	...	...	...	...	...	...	...	...	10
	1⅛ ,, ,, 14, ,, ,,	14	7	...	3	...	...	...	...	11
	1 ,, ,, 16, ,, ,,	14	7	...	3	...	...	...	...	12
	¾ ,, ,, 16, ,, ,,	7	3	...	...	...	...	...	...	13
	⅝ ,, ,, 16, ,, ,,	14	7	...	3	...	...	...	...	14
	plate, British 14, ,, 5 ft. by 2 ft. ,,	28	28	...	28	28	...	...	...	15
Solder	tinman's, soft, best ,,	7	3	...	10	47	...	...	...	16
	plumbers ... ... ,,	...	...	...	...	...	...	...	...	17
Spelter	brass ... ... ,,	1½	1	...	1	2	...	...	...	18
	zinc ... ... ,,	1½	1	...	...	...	...	...	...	19
Steel, — cast, — flat	2½ in. by ½ in. ,,	4	2	...	...	...	...	...	...	20
	2 ,, ,, ½ ,, ,,	14	7	...	...	...	...	...	...	21
	1½ ,, ,, ½ ,, ,,	...	...	...	...	...	...	...	...	22
Steel, — cast, — round,	⅜ in. ... ,,	12	6	...	...	...	...	...	...	23
Steel, — cast, — square	1½ in. ... ,,	14	7	...	...	...	...	...	...	24
	1 ,, ... ,,	14	7	...	...	...	...	...	...	25
	¾ ,, ... ,,	...	...	...	...	...	...	...	...	26
	½ ,, ... ,,	14	7	...	...	...	...	...	...	27
Steel, — rods, Stubs', bright, of sizes ,,		...	...	...	...	4	...	...	...	28
Steel, — shear, flat ... ... ,,		...	...	...	...	14	...	...	...	29
Steel, — spring, sheet, 16 B.W.G. ,,		...	...	...	...	1	...	...	...	30
Steel, — tool — round,	½ in. ... ... ,,	...	...	...	...	2	...	...	...	31
Steel, — tool — square	½ in. ... ... ,,	...	...	...	...	6	...	...	...	32
	¼ ,, ... ,,	...	...	...	...	1	...	...	...	33
Tin, sheets — double,	XXX, 14 in. by 10 in. sheets	12	6	...	3	...	...	...	...	34
	XX, 20 in. by 14 in. sheets	...	...	...	...	4	...	...	...	35
	X ,, ,,	...	...	...	...	4	...	...	...	36
Tin, sheets — single,	XX ,, ,,	...	...	...	...	4	...	...	...	37
	X ,, ,,	...	...	...	...	4	...	...	...	38
Tubing, seamless, brass ⅛ in. to ¾ in. lbs.		...	...	...	...	7	...	...	...	39
Yellow Metal,	½ in. ... ,,	...	...	...	...	4	...	...	...	40
bar or bolt,	¼ ,, ... ,,	...	...	...	...	4	...	...	...	41
Zinc, sheet* .. .. ,,		...	...	...	...	...	...	...	...	42

54 Engineers 270

57 Vocab. 4579

38407 Equip. 2039

* The C.R.E. of the district should be consulted as to the sizes to be kept.

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			FieldPark.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway† Companies.
1	...	28	...	...	...	14	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...	...
5	...	...	5	...	...	...	...	...	5	...	...	5	...	56	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...	...
8	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...
11	...	...	3	...	...	...	...	...	3	...	1	3	...	3	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	5	48	...	...	7	...	...	..	...	...	7	...	...	14	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...
18	2	...	$\frac{3}{16}$	...	...	...	...	...	$\frac{3}{16}$	...	...	$\frac{3}{16}$	...	1	2	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	14	...	...	14	...	...	28	...	...	28	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	14	...	...	...	...	...	28	...	...	28	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	4	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
37	4	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
38	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15—*continued.*

	Bridging Battalion. Peace. 12 Months' Supply, Higher Establishment Troop.	Bridging Battalion. Peace. 12 Months' Supply, Lower Establishment Troop.	Bridging Battalion. Peace. Establishment per Pontoon Troop.	Bridging Battalion. War. Establishment per Pontoon Troop.	Telegraph. Peace. 1st and 3rd Divisions. 12 Months' Supply, each Division.	Telegraph. Peace. 1st and 3rd Divisions. Headquarters, Establishment.	Telegraph. Peace. 1st and 3rd Divisions. 4 Sections.	Telegraph. Peace. 2nd Division.	
Woolwich Section, No. 10.									
A—*Ironmongery, &c.*									
Boxes, horse shoe	...	...	...	...	...	2	...	...	1
Hasps, padlock, large...	...	...	...	...	...	...	...	...	2
Hinges, wrought iron, strap, 12-in. ... ... prs.	...	...	...	...	...	...	...	...	3
Locks, pad { gunmetal, small ...	...	...	...	...	...	...	...	...	4
Locks, pad { iron, 2-inch	...	...	26	26	...	2	80	...	5
Nails, copper, rosehead, strong, No. 453 ... ... lbs.	...	...	...	...	...	...	...	...	6
Nails, iron, { clout, wrought, counter-sink head, { No. 103 ,,	1	½	...	...	...	...	...	...	7
Nails, iron, { clout, wrought, counter-sink head, { ,, 104 ,,	1	½	...	...	20	...	...	...	8
Nails, iron, { clout, wrought, counter-sink head, { ,, 105 ,,	1	½	...	...	...	...	...	...	9
Nails, iron, { clout, wrought, counter-sink head, { ,, 106 ,,	1	½	...	7	...	...	...	...	10
Nails, iron, { clout, wrought, counter-sink head, { ,, 108 ,,	...	...	...	...	...	...	...	...	11
Nails, iron, { spike, ... { ,, 182 ,,	...	...	...	...	...	...	...	...	12
Nails, iron, { spike, ... { ,, 183 ,,	...	...	...	...	...	...	...	...	13
Nails, iron, { spike, ... { ,, 185 ,,	...	...	...	...	16	...	...	...	14
Nails, iron, { spike, ... { ,, 187 ,,	...	...	...	...	...	...	...	...	15
Nails, steel, { brad, { cut, No. 3... ... ,,	...	...	...	...	...	...	...	...	16
Nails, steel, { brad, { fine pointed, No. 26 ,,	⅓	¼	...	1	...	...	...	...	17
Nails, steel, { clasp, cut, { No. 61 ... ,,	4	2	...	4	...	...	...	...	18
Nails, steel, { clasp, cut, { ,, 62 ... ,,	4	2	...	4	...	...	...	...	19
Nails, steel, { clasp, cut, { ,, 63 ... ,,	6	3	...	6	...	...	...	...	20
Nails, steel, { of sorts ... ... ,,	...	...	...	...	62	...	...	...	21
Nails, steel, { clasp, fine, ... { No. 69... ,,	8	4	...	7	...	...	...	...	22
Nails, steel, { clasp, fine, ... { ,, 71... ,,	15	7	...	15	...	...	...	...	23
Nails, steel, { clasp, fine, ... { ,, 72... ,,	15	7	...	15	...	...	...	...	24
Nails, steel, { clout, flat-head, fine, ... { ,, 90... ,,	4	2	...	...	4	...	...	...	25
Nails, steel, { clout, flat-head, fine, ... { ,, 91... ,,	3½	2	...	...	...	...	...	...	26
Nails, steel, { rose-head, ... { ,, 122... ,,	...	...	...	...	...	...	...	...	27
Nails, steel, { rose-head, ... { ,, 123... ,,	15	7	...	7	...	...	...	...	28
Nails, steel, { rose-head, ... { ,, 124... ,,	...	...	...	...	...	...	...	...	29
Nails, steel, { rose-head, ... { ,, 126... ,,	...	...	...	...	4	...	...	...	30
Nails, steel, { rose-head, ... { ,, 128... ,,	15	7	...	...	...	...	...	...	31
Nails, wire, round shanks, ... { 2-inch ... ,,	...	...	...	...	...	...	...	...	32
Nails, wire, round shanks, ... { 3 ,, ... ,,	...	...	...	...	...	...	...	...	33
Nails, wire, round shanks, ... { 4 ,, ... ,,	...	...	...	...	...	...	...	...	34
Nails, wire, round shanks, ... { 5 ,, ... ,,	..	...	...	...	...	...	...	...	35
Nails, wire, round shanks, ... { 6 ,, ... ,,	...	...	...	...	...	...	...	...	36
Rivets, iron, No. 215	...	...	...	...	...	...	...	...	37
Screws, brass flat-head, { 2 in. gauge, No. 13 ... doz.	...	...	...	...	...	...	...	...	38
Screws, brass flat-head, { 2 ,, ,, ,, 14 ... ,,	...	...	...	...	2	...	...	...	39
Screws, brass flat-head, { 1¾ ,, ,, ,, 14 ... ,,	3	1½	...	3	...	...	...	...	40
Screws, brass flat-head, { 1½ ,, ,, ,, 13 ... ,,	...	...	...	12	1	...	...	...	41
Screws, brass flat-head, { 1½ ,, ,, ,, 14 ... ,,	12	6	...	...	...	...	...	...	42
Screws, brass flat-head, { 1¼ ,, ,, ,, 13 ... ,,	...	...	...	12	...	...	...	...	43
Screws, brass flat-head, { 1¼ ,, ,, ,, 14 ... ,,	12	6	...	...	...	...	...	...	44

54 Engineers 9156

54 Engineers 270

57 Gen. No. 2420

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Stores—*continued.*

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway* Companies.
1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	12	12	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	12	12	...	...
4	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...
5	2	80	...	...	...	...	6	7	...	3	3	...	11	11	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...
7	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
8	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
10	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
11	...	80	...	...	...	...	...	5	...	...	...	...	...	...	...	...
12	...	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	8	...	...	...	...	...	...	...	...	...	...	...	112	...	...
14	...	8	...	...	48	...	...	2	...	...	121	...	...	168	...	...
15	...	16	...	...	...	...	...	...	...	...	...	...	...	..	...	...
16	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
17	...	2	1	...	...	...	...	1	1	...	...	1	...	1	...	...
18	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
19	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
20	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
21	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...
22	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
23	...	8	1	...	...	...	...	...	1	...	...	1	...	1	...	...
24	...	4	...	...	...	...	...	...	...	...	...	...	...	112	...	...
25	...	...	5	...	...	...	...	...	2	...	...	2	...	1	...	...
26	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
27	...	...	1	...	...	...	...	...	1	...	...	1	...	1	3	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...	...
30	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	...	...	...	...	...	...	...	...	...	...	28	...	...	...	...	...
33	...	...	...	...	...	...	...	...	...	...	28	...	...	...	...	...
34	...	...	...	...	...	...	...	...	...	...	28	...	...	28	...	...
35	...	...	...	...	24	...	...	7	...	..	28	...	...	28	...	...
36	...	...	...	...	24	...	...	...	...	...	65	...	...	112	...	...
37	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...
38	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	...	...	...	...	...	...	...	...	1	...	¼	...	...	...	...	...
41	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
42	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
43	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
44	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...

* For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15—*continued.*

			Bridging Battalion.				Telegraph.				
			Peace.			War.	Peace.				
							1st and 3rd Divisions.				
			12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 10—*continued.*											
Screws, brass flat-head,	1 in. gauge, No. 10...	doz.	18	9	...	...	...	...	...	...	1
	1 ,, ,, ,, 12...	,,	...	...	...	18	7	...	...	...	2
	3/4 ,, ,, ,, 7...	,,	...	...	...	...	8	...	...	...	3
	5/8 ,, ,, ,, 10...	,,	...	...	...	...	3	...	...	...	4
	5/8 ,, ,, ,, 6...	,,	...	...	..	...	8	...	...	...	5
	1/2 ,, ,, ,, 13...	,,	...	...	...	...	1	...	...	...	6
	1/2 ,, ,, ,, 6...	,,	...	...	...	...	3	...	...	...	7
	1/2 ,, ,, ,, 9...	,,	...	...	...	...	18	...	...	...	8
	3/8 ,, ,, ,, 3...	,,	...	...	...	...	6	...	...	...	9
	1/4 ,, ,, ,, 3...	,,	...	...	..	...	4	...	...	...	10
	3 ,, ,, ,, 16...	,,	12	6	...	6	24	...	...	...	11
	3 ,, ,, ,, 24...	,,	3/4	1/2	...	1/2	...	...	...	...	12
	2 1/2 ,, ,, ,, 16...	,,	12	6	...	6	...	...	...	...	13
	2 1/2 ,, ,, ,, 22...	,,	...	...	...	1/2	...	...	...	...	14
	2 ,, ,, ,, 13...	,,	...	...	...	...	6	...	...	...	15
	2 ,, ,, ,, 14...	,,	3	1 1/2	...	2	24	...	...	...	16
	2 ,, ,, ,, 22...	,,	6	3	...	6	6	...	...	...	17
	1 3/4 ,, ,, ,, 12...	,,	...	...	...	...	...	...	...	...	18
54 Engineers	1 3/4 ,, ,, ,, 14...	,,	1	1/2	...	1/2	2	...	...	...	19
270	1 1/2 ,, ,, ,, 11...	,,	...	...	...	...	18	...	...	...	20
...	1 1/2 ,, ,, ,, 13...	,,	16	8	...	16	24	...	...	...	21
	1 1/2 ,, ,, ,, 20...	,,	6	3	...	6	6	...	...	...	22
...	1 1/4 ,, ,, ,, 10...	,,	12	6	...	6	...	...	...	...	23
...	1 1/4 ,, ,, ,, 13...	,,	6	3	...	4	2	...	...	...	24
...	1 1/4 ,, ,, ,, 18...	,,	12	6	...	12	...	...	...	...	25
	1 ,, ,, ,, 8...	,,	...	...	...	...	12	...	...	...	26
...	1 ,, ,, ,, 12...	,,	10	5	...	7	24	...	...	...	27
	1 ,, ,, ,, 16...	,,	12	6	...	12	...	...	...	...	28
...	7/8 ,, ,, ,, 8...	,,	18	9	...	6	...	...	...	...	29
	7/8 ,, ,, ,, 11...	,,	7	4	...	5	...	...	...	...	30
	7/8 ,, ,, ,, 14...	,,	2	1	...	1 1/2	...	...	...	...	31
...	3/4 ,, ,, ,, 7...	,,	12	6	...	6	12	...	...	...	32
...	3/4 ,, ,, ,, 10...	,,	1 1/2	1	...	1/2	30	...	...	...	33
	5/8 ,, ,, ,, 9...	,,	11 1/2	6	...	1	4	...	...	...	34
	5/8 ,, ,, ,, 13...	,,	1/2	1/4	...	1/2	12	..	...	...	35
	1/2 ,, ,, ,, 6...	,,	...	...	...	...	9	...	...	...	36
	1/2 ,, ,, ,, 9...	,,	...	...	...	...	6	...	...	...	37
	3/8 ,, ,, ,, 3...	,,	...	...	...	...	4	...	...	...	38
	1/4 ,, ,, ,, 3...	,,	...	...	...	...	5	...	...	...	39
iron, round-head, 1-in., No. 12		,,	...	...	...	...	6	...	...	...	40
Tacks, steel, cut,	No. 197 ...	lbs.	...	...	...	...	...	...	...	...	41
	,, 190 ...	,,	3 1/2	2	...	1	...	...	...	...	42
	,, 191 ...	,,	3 1/2	2	...	1	...	...	...	...	43
	,, 192 ...	,,	4	2	...	1	4	..	...	...	44
... clout,	,, 201 ...	,,	1/2	1/4	...	1	...	...	...	...	45
... tinned,	,, 194 ...	,,	...	...	...	...	4	...	...	...	46

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters. Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway* Companies.
1	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...
2	6	...	...	...	...	...	...	...	...	...	3	...	...	12	...	...
3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	24	1	...	...	4	...	...	6	...	12	6	...	25	...	...
12	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...
13	...	...	1	...	...	...	...	...	2	...	1	1	...	1	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	6	...	...	...	12	1	...	...	...	...	12	...	...	24	...	...
16	...	24	1	...	...	4	...	...	8	...	1	6	...	1	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	2	...	...	...	...	...	3	...	...	3	...	1	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
20	6	24	3	...	...	3	...	...	1	...	...	1	...	1	...	...
21	...	24	...	...	...	...	...	...	...	...	2	...	...	...	...	...
22	...	...	1	...	...	2	...	...	2	...	...	2	...	1	3	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	3	...	...	...	...	...	2	...	1	1	...	1	3	...
25	...	...	2	...	...	...	...	...	3	...	...	3	...	1	...	...
26	6	...	2	...	...	8	...	...	...	...	...	1	...	1	...	...
27	...	24	...	...	12	...	...	6	3	...	13	...	...	12	...	...
28	...	...	2	...	...	1	...	...	1	...	...	1	...	1	5	...
29	...	...	2	...	...	...	...	...	1	...	...	1	...	1	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	6	...	1	...	...	3	...	...	3	...	...	3	...	1	...	...
33	6	24	1	...	...	1	...	...	1	...	...	1	...	1	3	...
34	...	4	1	...	...	...	...	...	3	...	...	3	...	1	...	...
35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	6	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
38	4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
39	3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
42	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
43	...	...	1	...	...	...	...	...	1	...	...	1	...	1	...	...
44	...	...	5	...	...	1	...	...	2	...	...	2	...	1	2	...
45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
46	...	4	1	...	...	1	...	...	1	...	...	1	...	1	...	...

* For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15—*continued.*

		Regimental Staff, Corps Engineers.	Bridging Battalion.				Telegraph				
			Peace.			War.	Peace.				
							1st and 3rd Divisions.				
		War.	12 Months' Supply. Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 10—*continued.*										
	C—*Anchoring and Lifting Apparatus.*										
7901 / 613 and 618	**Anchors,** 1 cwt....	...	...	...	16	16	...	...	...	...	1
	Anchors, pontoon, ½ cwt. ...	...	...	...	16	16	...	...	...	...	2
57 / Gen. No. / 2410											
	Woolwich Section, No. 11.										
	A—*Oil, Paint, &c.*										
	Acid, muriatic ... ... lbs.	...	1	½	...	...	15	...	...	...	3
	Borax, refined ... ... ,,	...	1	½	...	1	4	...	...	...	4
	Chalk, white ... ... ,,	...	...	...	...	...	...	...	...	...	5
	Charcoal, pit ... ... ,,	...	...	...	...	...	112	...	...	...	6
	Coal, smiths‖ ... ... ,,	...	...	...	...	112	...	...	...	...	7
	Composition, waterproof ,,	...	...	...	...	...	...	...	...	...	8
	Driers ... ... ,,	...	10	5	...	1	...	...	...	...	9
	Dubbing, (miscellaneous) ,,	...	10¼	10	...	...	88	...	...	...	10
	Flour ... ... ,,	...	2½	1	...	...	...	...	...	...	11
	Glue, best, town made ,,	...	6	3	...	1	4	...	...	...	12
	Glue, marine ... ... ,,	...	120	60	...	40	24	...	...	...	13
	Grease, Field's ... ... ,,	3	372	100	...	162	168	...	...	...	14
	Ink, marking ... ...pints	...	2	2	...	...	2	...	...	...	15
7901 / 652	**Knotting** ... ...galls.	...	1	½	...	1	...	...	...	...	16
	Lacquer pale gold bottles	...	...	...	...	...	2	...	...	...	17
54	**Lacquer** white ... pints	...	...	...	...	...	1	...	...	...	18
Engineers	**Methylated spirits** .....galls.	...	...	...	...	...	12	...	...	...	19
270	**Naphtha,** coal tar ...quarts	...	14	7	...	10	6	...	...	...	20
	Oil, colza‖ ... ... galls.	...	...	...	...	...	12	...	...	...	21
	Oil, for instruments ... pints	...	...	...	...	...	6	...	...	...	22
	Oil, linseed, boiled ... ,,	...	1	½	...	4	...	...	...	...	23
	Oil, linseed, raw ... ,,	...	1¼	1	...	4	1	...	...	...	24
	Oil, olive, best quality, lubricating ... ...galls.	...	...	...	...	...	...	...	...	...	25
	Oil, rape (miscellaneous) quarts	...	55	52	...	...	4	...	...	...	26
7901 / 652	**Oil,** train ... ...galls.	...	1	½	...	½	...	...	...	...	27

‖ Supplied by Army Service Corps.

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt	Fortress and Survey Companies.	Railway Company.†	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace		War.	Peace.			
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.		Peace Establishment.	War Establishment.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	¼	...	1	...	...	...	¼	...	1	¼	...	7	...	...	...	...
5	...	...	...	...	3	...	...	...	...	...	2	...	...	7	...	...	...	...
6	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	56	...	...	...	...	...	112	...	...	112	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...	...	...
9	...	...	2	...	...	...	...	...	½	...	7	2	...	7	4	...	...	...
10	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	½	...	...	...	...	...	...	...	...	¼	...	...	...	...	...	...
12	2	2	7	...	...	2	...	...	7	...	...	7	...	20	10	...	...	...
13	...	32	...	...	...	...	...	...	20	...	5	...	...	...	...	...	...	...
14	9	132	78	...	54	28	...	57	78	...	54	72	...	78	160	...	...	3
15	...	...	⅚	...	...	½	...	...	...	...	...	½	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	½	...	¼	...	...	...	...	...	...	...
17	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	...
21	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
22	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	8	...	...	...	...	...	...	...	¾	...	4	...	...	8	...	...	...	...
24	8	...	...	...	...	...	...	...	½	...	4	...	...	8	...	...	...	...
25	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
26	...	...	4	...	...	12	...	18	4‡	...	...	14	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	½	...	⅛	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

‡ This rate is for Companies on the higher establishment only. For Companies on the lower establishment, 2 quarts.

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Miscellaneous

TABLE 15—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 11—*continued.*									
54 Engineers 270	**Paint,** Balmain's luminous neutral base ... ... lbs.	2	...	...	5	...	...	...	...	1
	black, lamp (prepared) ,,	1	...	...	3	...	...	...	...	2
	khaki prepared ... ,,	24	12	...	...	3	...	...	...	3
	lead, colour, prepared ,,	...	...	...	...	...	...	...	...	4
	red, dry ,,	1160	500	...	20	500	...	...	...	5
	white ground ,,	...	...	...	...	6	...	...	...	6
	white prepared ,,	6	3	...	...	24	...	...	...	7
	Paraffin, black ... ... ,,	24	12	...	2	...	...	...	...	8
	Paraffin, white ... ... ,,	...	...	...	...	5	...	...	...	9
	Platinum, bichloride... tubes	...	...	...	...	3	...	...	...	10
7901 652	**Putty** ... ... lbs.	...	...	...	...	6	...	...	...	11
	Resin, black ... ... ,,	63	30	...	5	50	...	...	...	12
	Sal-ammoniac, crystals... ,,	...	...	...	...	4	...	...	...	13
	Sal-ammoniac, in lumps ,,	...	...	...	...	128	...	...	...	14
	Soap, soft (miscellaneous) ... ,,	...	...	...	...	14	...	...	...	15
	Solution, disinfecting, or soldering ... ... pts.	360	360	...	...	299	...	...	...	16
54 Engineers 270	**Tallow,** Russian ... ... lbs.	1	½	...	1	...	...	...	...	17
	Turpentine, spirits of ... galls.	...	...	...	...	...	...	...	...	18
	Varnish, black, Brunswick ,,	1	½	...	½	3	...	...	...	19
	Varnish, copal ... ... ,,	...	...	...	...	3	...	...	...	20
	Varnish, hard. spirit, brown ,,	2	1	...	...	1	...	...	...	21
	Varnish, Japan black ... ,,	...	...	...	...	6½	...	...	...	22
	Wax, bees ... ... lbs.	3	1½	...	...	...	...	...	...	23
	Wax, black ... ... ,,	4	2	...	...	2	...	...	...	24
	Whiting ... ... ,,	7½	3	...	...	4	...	...	...	25
7901 652	**Wick,*** common ... ...yards	...	..	...	...	...	...	...	...	26
	Wick,* round, 1½ in. ... ,,	...	...	...	...	14½	...	...	...	27
	Wick,* ,, ½ ,, ... ,,	...	...	...	...	...	...	...	...	28
		...	...	...	...	5	...	...	...	29
	B—*Packages, Oil and Paint, etc.*									
§10346 L. of C.	**Bottles,** glass, narrow mouth, with capsules, 20 oz.	1	1	...	...	...	...	...	...	30
	Bottles, stone, stoppered, covered with wicker and capped with cane, ¼ gallon ...	...	...	...	...	...	1	4	...	31
	Bottles, tin, oil, 1 gallon	...	...	...	...	...	2	20	...	32
	Bottles, tin, oil, 1 quart	...	...	...	...	...	1	8	4	33
	Bottles, tin, oil, ¼ pint	...	...	...	...	...	...	12	...	34
	Boxes, dubbing	...	...	...	...	...	...	4	...	35

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway† Companies.
1	...	...	...	...	...	...	...	...	...	...	14	...	...	28	...	...
2	...	...	...	...	...	...	...	...	...	...	7	...	...	14	...	...
3	...	...	1	...	...	...	...	...	1	...	...	1	...	1	2	...
4	...	...	...	...	...	...	...	...	...	...	...	140	...	...	250	...
5	...	16	120	...	...	120	...	...	168	...	28	...	...	193	...	...
6	...	...	2	...	...	...	...	...	2	...	14	2	...	16	...	...
7	...	2	1	...	...	10	...	...	2	...	14	1	...	15	...	...
8	...	...	...	...	...	...	...	...	...	...	14	...	...	28	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	8	12	...	...	8	...	...	20	...	1	10	...	10	25	...
13	1	...	...	...	...	...	...	...	...	...	2	...	...	14	...	...
14	...	160	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	2	12	...	...	1	...	...	...	...	...	1	...	...	7	...	...
16	...	...	...	...	...	40	...	...	...	...	...	...	...	...	...	...
17	2	8	...	...	2	...	...	...	...	...	2	...	...	4	...	...
18	...	...	...	...	12	...	...	...	...	...	14	...	...	28	...	...
19	...	...	$\frac{1}{2}$	...	...	$\frac{1}{8}$	...	...	$1\frac{1}{8}$	...	$\frac{1}{2}$	2	...	1	5	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	$\frac{1}{4}$	...	...	$\frac{1}{4}$	...	...	$\frac{7}{16}$	...	...	$\frac{3}{16}$	...	...	...	...
24	...	...	$1\frac{5}{16}$	...	...	...	...	...	$1\frac{5}{16}$	...	...	2	...	...	...	...
25	...	...	$2\frac{9}{16}$	...	...	...	...	...	$2\frac{9}{16}$	...	...	$\frac{4}{4}$	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...
27	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	4	...	...	...	...	...	4	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	1	4	...	1	1	...	...	...	...	...	1	...	...	2	...	...
32	2	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	1	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 12.										
Timber.										
Timber, spars, bridging service, 38407 Equip. 2039 — Length. Diam.										
41 ft. 8 in. mean ...		...	...	6	...	...	...	...	...	1
35 ,, 9 ,, ...		...	..	8	...	...	...	...	...	2
24 ,, 7 ,, ...		...	...	8	...	...	...	...	...	3
22 ,, 9 ,, ...		...	...	8	...	...	...	...	...	4
20 ,, 7 ,, ...		...	...	25	...	...	...	...	...	5
20 ,, 4 ,, ...		...	...	16	...	...	...	...	...	6
Timber, deals, American yellow pine, 11 in. by 3 in. ft. run		10	10	...	...	...	...	...	...	7
11 ,, ,, $1\frac{1}{4}$,, ,, ,,		...	...	...	...	48	...	...	...	8
11 ,, ,, 1 ,, ,, ,,		6	6	...	12	48	...	...	...	9
11 ,, ,, $\frac{3}{4}$,, ,, ,,		...	...	...	...	80	...	...	...	10
9* ,, ,, $1\frac{1}{4}$,, ,, ,,		40	20	...	10	...	...	...	...	11
9* ,, ,, 1 ,, ,, ,,		64	32	...	32	...	...	...	...	12
Timber, deals, Baltic yellow, 54 Engineers 270 — 11 ,, ,, 1 ,, ,, ,,		200	100	...	...	48	...	...	...	13
11 ,, ,, $\frac{3}{4}$,, ,, ,,		...	...	...	...	128	...	...	...	14
11 ,, ,, $\frac{1}{2}$,, ,, ,,		...	...	...	...	16	...	...	...	15
9 ,, ,, 3 ,, ,, ,,		10	10	...	...	...	...	...	...	16
9 ,, ,, $1\frac{1}{4}$,, ,, ,,		...	...	...	...	...	...	...	...	17
9 ,, ,, 1 ,, ,, ,,		200	100	...	...	...	...	...	...	18
9 ,, ,, $\frac{3}{4}$,, ,, ,,		...	...	...	...	...	...	...	...	19
Timber, boxwood (in pieces for lathe chucks) ... ... lbs.		...	...	...	...	6	...	...	...	20
Timber, plank in the inch:— mahogany, $1\frac{1}{2}$ in. by 1 ft. 6in. ft. run		...	...	...	...	...	...	...	...	21
54 Engineers 275 — $1\frac{1}{4}$,, ... ft. super.		...	...	...	...	18	...	...	...	22
oak, English, $3\frac{1}{2}$ in. ... ,,		...	...	...	...	...	...	...	...	23
$2\frac{1}{2}$,, ... ,,		10	5	...	13	...	...	...	...	24
$3\frac{1}{2}$,, by 8 in. ft. run		20	10	...	...	...	...	...	...	25
$2\frac{1}{2}$,, ,, 8 ,, ,,		10	10	...	...	...	...	...	...	26
pine, American, 16 ,, ,, $\frac{7}{10}$,, ,,		28	14	...	28	...	...	...	...	27
14 ,, ,, $\frac{7}{10}$,, ,,		56	28	...	14	...	...	...	...	28
14 ,, ,, $\frac{3}{8}$,, ,,		56	28	...	14	...	...	...	...	29
teak, 1 in. ... ... ft. super.		...	...	...	...	12	...	...	...	30
Timber, plank:— ash, English, $3\frac{3}{4}$ in. by $4\frac{1}{4}$ in. ft. run		24	12	...	12	...	...	...	...	31
3 ,, ,, 15 ,, ,,		...	...	...	...	...	...	...	...	32
3 ,, ,, 11 ,, ,,		...	...	...	...	...	...	...	...	33
2 ,, ,, 15 ,, ,,		...	...	...	...	...	...	...	...	34
2 ,, ,, 7 ,, ,,		200	100	...	100	...	...	...	...	35
54 Engineers 270 — $1\frac{1}{2}$,, ,, 16 ,, ,,		...	...	...	...	...	...	...	...	36
$3\frac{1}{2}$ in. ... ... ft. super.		...	...	...	...	...	...	...	...	37
3 ,, ... ,,		...	...	...	...	14	...	...	...	38
2 ,, ... ,,		...	...	...	...	12	...	...	...	39
$1\frac{1}{2}$,, ... ,,		20	10	...	...	16	..	...	...	40

* Not in Vocabulary.

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Stores—*continued.*

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
War.			Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Fortress, Survey, and Railway† Companies.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	10	...	...	6	...	6	...	...	...	...	...
10	...	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...
13	...	...	32	...	...	...	...	...	32	...	...	32	...	...	...	...
14	...	128	32	...	...	...	...	...	32	...	...	32	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	24	...	...	...	...	...	24	...	...	24	...	...	...	...
18	...	...	53	...	...	...	...	32	63½	...	...	53	...	32	100	...
19	...	...	21	...	...	...	...	...	21	...	...	21	...	32	...	...
20	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	5	...	...	...	...	...	5	...	...	5	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...
24	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	14	...	7	...	...	...	...	...
28	...	...	...	...	...	...	...	...	14	...	7	...	...	...	...	...
29	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	6	...	6	...	...	...	...	...
32	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...
33	...	...	40	...	...	...	...	...	40	...	...	30	...	...	...	...
34	...	...	12	...	...	...	...	...	...	...	...	12	...	...	...	...
35	...	...	10	...	...	...	...	...	10	...	40	10	...	...	...	...
36	...	...	12	...	...	...	...	...	10	...	...	12	...	...	60	...
37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...
38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	...	...	10	...	...	6	...	...	10	...	...	10	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Miscellaneous

TABLE 15—*continued.*

	Bridging Battalion. Peace. 12 Months' Supply, Higher Establishment Troop.	Bridging Battalion. Peace. 12 Months' Supply, Lower Establishment Troop.	Bridging Battalion. Peace. Establishment per Pontoon Troop.	Bridging Battalion. War. Establishment per Pontoon Troop.	Telegraph. Peace. 1st and 3rd Divisions. 12 Months' Supply, each Division.	Telegraph. Peace. 1st and 3rd Divisions. Headquarters, Establishment.	Telegraph. Peace. 1st and 3rd Divisions. 4 Sections.	Telegraph. Peace. 2nd Division.	
Woolwich Section, No. 12 —*continued.*									
Timber, elm, Eng-American, 3 in. by 3 in. ft. run	10	10	...	...	...	...	...	...	1
1½ ,, ,, 9 ,, ,,	40	20	...	20	...	...	...	...	2
1 ,, ,, 9 ,, ,,	21	10½	...	11	...	...	...	...	3
1¼ ,, ,, 12 ,, ,,	18	14	...	...	...	...	...	...	4
1¼ ,, ... ft. super.	...	...	...	...	12	...	...	...	5
1 ,, ... ,,	...	...	...	...	20	...	...	...	6
Timber, oak, English, 4 in. by 9 in. ... ft. run	100	50	...	...	...	...	...	...	7
3½ ,, ,, 8 ,, ... ,,	...	...	...	...	...	...	...	...	8
2½ ,, ,, 8 ,, ... ,,	...	...	...	...	...	...	...	...	9
4 ,, ... ft. super.	...	...	...	...	20	...	...	...	10
3½ ,, ... ,,	2	1	...	...	...	...	...	...	11
3 ,, ... ,,	...	...	...	...	30	...	...	...	12
2½ ,, ... ,,	...	...	...	...	...	...	...	...	13
2 ,, ... ,,	...	...	...	...	...	...	...	...	14
Woolwich Section, No. 27.									
D—*Packsaddlery.*‡									
54 Engineers 9924 **Packsaddlery,** artillery, anvils, ½ cwt.	...	...	1	1	...	...	4	...	15
blocks, anvil, ½ cwt....	...	...	1	1	...	...	4	...	16
girths, R.M.L., 2·5 in. pairs	...	...	...	...	...	...	...	...	17
G.S., forges, packsaddle, boxes, tool... ...	...	...	...	...	...	...	4	...	18
sacks, coal, packsaddle	...	...	2	2	...	...	...	...	19
Woolwich Section, No. 28.									
C—*Stores for Land Cables.*									
§ 10587 L. of C. **Tubes,** india-rubber solution, 3-oz. tubes	427	214	...	214	27	...	...	...	20
Not in Vocabulary.									
Drivers, pile*	...	...	...	...	...	...	...	...	21
57 Aldershot 6343 **Glue,** French, 4-lb. tins ... tins	...	...	...	...	...	...	...	...	22
best ... ... lbs	...	...	...	...	...	...	...	...	23
Vinegar, best, white, wine ... ,,	...	...	...	...	...	...	...	...	24

* A 10-cwt. pile-driving machine is held on charge of

‡ See also page 62.

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	Peace.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply	Fortress, Survey, and Railway† Companies.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	12	...	...	...	...	...	18	...	5	12	...	...	...	...
3	...	...	...	...	...	...	..	...	5	...	5	...	...	...	...	...
4	...	...	4	...	...	...	...	...	4	...	...	4	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
6	...	...	...	...	..	6	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	10	...	...	...	...	...	10	...	...	10	...	...	...	...
9	...	...	10	...	...	...	...	...	10	...	...	10	..	...	...	...
10	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
11	...	...	11	...	...	...	...	...	11	...	...	11	...	...	...	...
12	...	...	...	...	...	6	..	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...
14	...	...	10	...	...	...	...	...	...	...	...	10	...	...	...	...
15	...	4	...	1	1	...	...	...	...	2	2	...	1	1	...	...
16	...	4	...	1	1	...	...	...	...	2	2	...	1	1	...	...
17	...	...	...	3	3	...	...	...	...	2	2	...	...	...	...	...
18	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	1	1	...	...	...	...	2	2	...	2	2	...	...
20	...	54	...	...	16	...	...	...	54	...	32	...	...	27	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...

the O.C. Bridging Battalion for instructional purposes.

† For technical equipment of a Railway Company, *see* Table 20.

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Ordnance

TABLE 16.	Regimental Staff, Corps Engineers.	Bridging Battalion.					Telegraph				
		Peace.				War.	Peace.				
							1st and 3rd Divisions.				
	War.	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.		12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 13.											
Field Artillery Carriages and their Appurtenances, &c.											
Sticks, portfire	...	...	...	...	...		...	...	...	...	1
Woolwich Section, No. 14.											
Garrison and Siege Artillery Mountings.											
Handspikes, common, 6 feet...	...	...	...	8	8		...	...	...	...	2
Woolwich Section, No. 18.											
A—*Blocks, Canvas, Cordage, &c.*											
Blocks, malleable iron, 7 in., double	...	...	...	4	4		...	...	...	...	3
Blocks, malleable iron, 7 in., snatch	...	...	...	4	4		...	...	...	...	4
7901 / 594 **Blocks,** malleable iron, 4 in., double	...	...	...	...	...		...	...	20	...	5
Blocks, malleable iron, 4 in., snatch	...	...	...	...	...		...	...	20	...	6
Buoys, life...	...	...	...	2	2		...	...	...	...	7
Canvas, 30 in. ... ... yds.	...	40	20	...	40		...	...	...	...	8
Canvas, sail, No. 1 ... ,,	...	6	3	...	2		6	...	...	...	9
Cordage, hemp, hawser, 3-strand, tarred, 3-in. fms.	...	...	...	...	...		...	...	...	...	10
7901 / 594 **Cordage,** hemp, hawser, 3-strand, tarred, 2-in. ,,	...	226	113	...	226		...	...	...	...	11
Cordage, hemp, hawser, 3-strand, tarred, $1\frac{1}{2}$ in. ,,	...	226	113	...	452		...	...	896	...	12
Cordage, hemp, hawser, 3-strand, tarred, $1\frac{1}{4}$-in. ,,	...	113	56	...	.		...	...	...	...	13
7901 / 516 **Cordage,** hemp, hawser, 3-strand, white, 3-in. ,,	...	...	...	...	...		12	...	...	...	14
Cordage, hemp, hawser, 3-strand, white, 2-in. ,,	..	...	...	...	...		...	...	...	...	15
Cordage, hemp, hawser, 3-strand, white, $1\frac{1}{2}$-in. ,,	...	...	...	...	...		...	...	...	...	16
Cordage, hemp, hawser, 3-strand, white, 1-in. ,,	...	...	...	...	...		...	...	...	..	17
Cordage, spunyarn, hemp, 3-thread, tarred ... ... lbs.	5	66	33	...	140		150	...	...	...	18
Hemp, undressed... ... ,,	...	1	1	...	...		...	...	...	...	19
Line, white, $\frac{3}{4}$-inch ‡ ... fms.		...	...	...	...		...	...	...	...	20
Line, white, 1 lb. skeins skeins	...	6	3	...	2		...	...	...	...	21
Lines, Hambro'	...	...	...	6	6		...	...	...	...	22

‡ For waterproof troughs.

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Stores.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress and Survey Companies.	Railway Company.†
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.		
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	War Establishment only.	
1	...	...	...	...	3	...	...	...	...	5	5	...	4	4	...	...
2	...	...	...	...	...	...	...	...	...	6	6	...	6	6	...	...
3	...	...	...	...	...	...	...	...	...	4	4	...	2	2	...	...
4	...	...	...	...	...	...	...	...	...	4	4	...	2	2	...	...
5	...	20	...	3	3	...	...	...	..	4	4	...	2	2	...	...
6	...	20	...	3	3	...	...	...	...	4	4	...	2	2	...	..
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	5	...	5	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
10	...	...	...	...	...	...	...	...	...	...	57	...	...	113	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	952	...	...	...	...	...	...	3	...	60	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	57	...	...	...	...	...	113	...	...	...	...	...
15	...	...	...	...	57	...	...	...	...	...	226	...	..	57	...	...
16	...	...	...	...	...	...	...	...	...	...	226	...	...	57	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	113	...	...
18	10	148	...	...	90	30	...	50	...	...	223	...	...	182	...	5
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	75	...	...	...	...	...	...	...	...	150	...	...
21	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
22	...	...	...	12	12	...	...	...	...	24	24	...	24	24	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Ordnance

TABLE 16—*continued.*	Regimental Staff, Corps Engineers.	Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
	War.	12 Months' Supply. Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 18 —*continued.*										
Rope, galvanized, steel wire, 3-inch ... ... fms.	...	...	...	...	...	...	...	...	...	1
38407 Equip. 2039 **Twine** { packing, small lbs.	...	2	1	...	...	1½	...	...	...	2
Twine { whipping, fine... ,,	...	4	2	...	4	...	...	...	...	3
B—*Side Arms, Tampeons, &c.*										
Lashings tarred, { 1½ in., 50 ft. ...	...	...	...	...	...	...	...	...	...	4
Lashings tarred, { 1½ ,, 18 ,, ...	...	...	...	...	...	...	...	...	...	5
Lashings tarred, { 1½ ,, 16 ,, ...	...	...	...	...	4	...	...	...	...	6
Lashings tarred, { 1 ,, 20 ,, ...	...	...	...	...	...	...	...	...	...	7
A.O. 173 of 1899 38407 Equip. 2039 **Lashings,** white, 1 inch 30 feet	2	...	...	46	42	...	2	16	...	8
Ropes, drag, light, G.S... pairs	1	...	...	6	8	...	2	28	...	9
Selvagees, 43 inch	...	...	...	6	6	...	...	...	...	10
Not in Vocabulary.										
Rope, white, 3-inch ‡ ... fms.	...	...	...	...	...	...	...	...	...	11
Woolwich Section, No. 19.										
Half Wrought Stores.										
(*See* Table 9.)										
Woolwich Section No. 31										
Old Stores.										
Rope or cordage, old (of sizes)* lbs.		...	...	...	...	...	...	...	...	12

‡ For waterproof troughs.
* Bridging battalion only. 400 lbs. allowed annually for training recruits in knotting and splicing

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es—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park			Fortress and Survey Companies.	Railway Company.†
	War.		Peace.		War.	Peace.		War.	Peace.		War	Peace.		War.		
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	War Establishment only.	
1	...	...	...	...	...	...	...	...	...	...	...	...	50	50	...	...
2	...	...	2	...	...	...	...	...	1	...	...	1	...	...	...	..
3	...	...	...	...	3	...	...	...	...	...	5	...	...	10	...	...
4	...	...	...	12	12	...	...	...	...	12	12	...	...	...	...	...
5	...	...	...	12	12	...	...	...	...	12	12	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...
7	...	...	...	...	...	...	.	...	...	...	8	...	...	...	...	...
8	2	16	...	18	24	...	...	2	...	2	6	..	2	4	...	2
9	2	28	...	9	12	...	8	10	...	6	9	...	8	14	...	1
10	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...
11	...	...	...	...	30	...	...	...	...	...	...	...	...	60	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Magazine

TABLE 17.	Bridging Battalion. Peace. 12 Months' Supply, Higher Establishment Troop.	Bridging Battalion. Peace. 12 Months' Supply, Lower Establishment Troop.	Bridging Battalion. Peace. Establishment per Pontoon Troop.	Bridging Battalion. War. Establishment per Pontoon Troop.	Telegraph. Peace. 1st and 3rd Divisions. 12 Months' Supply, each Division.	Telegraph. Peace. 1st and 3rd Divisions. Headquarters, Establishment.	Telegraph. Peace. 1st and 3rd Divisions. 4 Sections.	Telegraph. Peace. 2nd Division.	
Woolwich Section, No. 20.									
Empty Cannon Cartridges, &c.									
Boxes, gun-cotton, dry, primers, 2 oz., R.E. equipment	...	...	...	2	...	...	...	...	1
Boxes, gun-cotton, dry, primers, 1 oz., R.E. equipment	...	...	...	3	...	...	...	...	2
Boxes, gun-cotton, wet, 15 lb., Mark II ...	...	...	...	14	...	...	...	...	3
Knives, laboratory	...	...	6	6	...	1	4	...	4
Woolwich Section, No. 21.									
Filled Cartridges, &c.									
A.O. 173 of 1899 — **Gun-cotton,** dry primers, F ... ... lbs.	$3\frac{2}{10}$	$3\frac{2}{10}$	...	10	...	...	...	...	5
A.O. 173 of 1899 — **Gun-cotton,** dry primers, H... ... ,,	$10\frac{10}{10}$	$10\frac{10}{10}$	...	15	...	...	...	...	6
A.O. 173 of 1899 — **Gun-cotton,** wet slabs, P (or S) ... ,,	16	16	...	98	...	...	...	...	7
A.O. 173 of 1899 — **Gun-cotton,** wet slabs, Q (or T) ... ,,	45	45	...	$94\frac{1}{2}$	...	...	...	...	8
A.O. 173 of 1899 — **Gunpowder,** R.L.G. ... ... ,,	...	...	...	...	...	...	...	...	9
Woolwich Section, No. 22.									
Fuzes, Rockets, Tubes, &c.									
9953 L. of C. — **Boxes,** instantaneous fuze ...	...	...	...	...	...	...	...	...	10
9953 L. of C. — **Boxes,** vesuvian matches‡ ..	...	...	4	4	...	...	...	...	11
Cylinders, detonator, No. 8, for 8. cavalry	...	...	...	25	...	...	...	...	12
Detonators, electric, No. 13 ...	75	75	...	50	...	...	...	...	13
Detonators, No. 8	50	50	...	200	...	...	...	...	14
Fuze, instantaneous, Mark III yards	50	50	...	300	...	...	...	...	15
Fuze, safety, No. 9* ... fms.	24	12	...	64	...	...	...	...	16
Match, slow ... ... lbs.	1	1	...	2	...	...	...	...	17
Matches, Vesuvian ... boxes	2	2	...	12	...	...	...	...	18
7901 / 652 — **Portfires,** common	...	...	...	...	...	...	...	...	19
7901 / 652 — **Shellac,** orange ... ... lbs.	...	...	...	...	$\frac{1}{2}$	...	...	...	20
Woolwich Section, No. 23.									
Small Arm and M.G. Ammunition, &c.									
See Table 2.									
Woolwich Section, No. 30.									
Packages, &c.									
Paper, brown, common ... quires	2	1	...	...	$2\frac{3}{4}$	...	...	...	21

‡ After existing stock has been used up, no more of these boxes will be supplied.
* For home service, existing stock of Tangye's fuze to be used up.

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Stores.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway† Companies.
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply	Establishment.	Establishment.	
1	...	...	...	...	4	...	...	...	...	...	4	...	...	10	...
38407 Equip. 1754 2	...	...	...	...	6	...	...	...	...	...	6	...	...	12	...
3	...	...	...	...	28	...	...	...	..	...	27	...	...	40	...
4	1	4	...	1	1	...	1	1	...	1	1	...	1	1	...
5	...	...	$3\frac{2}{16}$	...	20	$\frac{10}{16}$	...	...	$3\frac{2}{16}$	...	$18\frac{3}{4}$	...	...	50	...
6	...	...	$10\frac{10}{16}$	...	30	$2\frac{13}{16}$	...	...	$10\frac{10}{16}$	...	30	...	...	60	...
7	...	...	16	...	224	4	...	...	16	...	210	...	...	280	...
8	...	...	45	...	162	12	...	...	45	...	162	...	...	270	...
9	...	...	...	...	4	...	...	...	...	...	1	...	...	7	...
10	...	...	...	1	3	...	...	...	...	1	3	...	...	6	...
11	...	...	...	3	3	...	...	...	...	4	4	...	4	4	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...
13	...	...	75	...	100	20	...	...	75	...	100	...	...	400	...
14	...	...	50	...	450	12	...	...	50	...	384	...	...	400	...
15	...	...	100	..	300	25	...	...	100	...	200	...	...	500	...
16	...	...	24	...	192	6	...	...	24	...	128	...	...	240	...
17	...	...	1	...	3	1	...	...	1	...	2	...	...	2	...
18	...	...	2	...	12	1	...	...	2	...	12	...	...	12	...
19	...	...	...	...	6	...	...	...	...	...	18	...	...	36	...
20	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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Barrack, &c., and

TABLE 18.

	Regimental Staff, Corps Engineers.	Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
	War.	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 25. *Barrack and Hospital Stores. (Part 1.)*										
Boards, inventory	1	...	...	26	28	...	2	28	...	1
Boxes, tinder	...	...	...	...	...	...	...	...	...	2
Brushes, marking	...	...	...	...	...	...	2	...	4	3
Brushes, paint, ground, 000	...	...	...	...	...	...	...	4	...	4
Brushes, paint, unground 0 ...	...	...	...	6	6	...	...	...	...	5
Brushes, paint, unground 000 ...	...	...	...	...	...	...	...	4	...	6
Brushes, paint, sash, tool, No. 6 ...	...	...	...	...	...	...	...	4	...	7
Brushes, stencil	...	...	...	2	...	...	2	8	2	8
Candles§ ... ... lbs.	...	...	...	...	20	...	...	...	...	9
Cans, oil, feeding, ½ pint ...	...	...	...	2	2	...	...	...	...	10
Irons, branding, ⅝ in. letters figures 0 to 8 sets of 9	...	...	...	1	...	...	...	4	..	11
Irons, branding, ⅝ in. letters R, E, A, or B, C, D, B, T of each	...	...	...	1	...	...	...	...	...	12
Irons, branding, ⅝ in. letters R, E, F, P ,,	...	...	...	...	...	...	...	...	...	13
Irons, branding, ⅝ in. letters R, E, F, T ,,	...	...	...	...	...	...	...	...	...	14
Irons, branding, ⅝ in. letters R, E T, B ,,	...	...	...	...	...	...	...	4	...	15
Irons, branding, ⅝ in. letters R, E, B, S ,,	...	...	...	...	...	...	...	...	...	16
Irons, branding, ⅝ in. letters R, E ... ,,	...	...	...	..	...	...	...	...	...	17
Irons, branding, ¼ in. figures 0 to 8 sets of 9	...	...	...	1	...	...	1	...	1	18
Irons, branding, ¼ in. letters, R E* of each	...	...	...	1	...	...	1	...	1	19
Irons, flat	...	...	...	4	4	...	...	...	...	20
Knives, opening tins ...	2	...	...	...	2	...	...	...	...	21
Lanterns bull's-eye	...	...	...	6	6	...	...	...	...	22
Lanterns tin, glass sides ...	...	...	...	12	12	...	...	...	...	23
Matches, Bryant & May's boxes	...	...	...	...	24	48	...	...	...	24
Measures, oil 1 quart ...	...	...	...	...	...	...	...	4	...	25
Measures, oil 1 gill	...	...	...	...	...	...	...	4	...	26
Plates, stencil, paper	...	...	...	2	...	...	2	8	2	27
Scissors, lamp ... ... pairs	...	...	...	...	...	...	...	16	...	28
Stamps, brass or gunmetal, on wood ¼ in. figures 0 to 8 sets	...	...	...	...	...	...	1	...	1	29
Stamps, brass or gunmetal, on wood ¼ in. letters, single (R, E*) of each	...	...	...	...	...	...	1	...	1	30
Stamps, copper, inlaid, ½ in. figures 0 to 8 ... sets	...	...	...	1	...	...	3	...	3	31
Stamps, copper, inlaid, ½ in. letters, single R, E, A, or B, C, D, T, d m of each	...	...	...	1	...	...	...	...	...	32
Stamps, copper, inlaid, ½ in. letters, single R, E, T, B ,,	...	...	...	...	...	...	3	...	3	33
Stamps, copper, inlaid, ½ in. letters, single R, E, *d, m ,,	...	...	...	...	...	...	...	...	...	34
Stamps, steel, for metal, ¼ in. and 3/16 in. figures, 0 to 8 ... sets	...	..	...	1	...	...	...	4	...	35
Stamps, steel, for metal, ¼ in. and 3/16 in. letters, single R, E, A, or B, C, D, T, d, m, of each ...sets	...	...	...	1	...	...	...	...	...	36
Stamps, steel, for metal, ¼ in. and 3/16 in. letters, single R, E,* d, m, each ... ,,	...	...	...	...	...	...	...	4	...	37

54 Engrs. 169

7901 652 54 Engrs. 9156

54 Engrs. 9924

* And distinguishing letter of company, or T.B. for Telegraph Battalion, F.T. for Field Troop, B.S. for Balloon Section, or F.P. for Field Park.

§ Supplied by Army Service Corps.

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Textile Stores.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Field Depôt.		
	War.		Peace.		War.	Peace		War.	Peace.		War.	Peace.		War.	Peace.	Fortress, Survey, Railway†, Submarine Mining,‡ and Depôt Companies, peace only.	Railway Company,† War.
	Headquarters, Establishment.	4 Sections	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Establishment.		
1	2	28	...	9	12	...	8	10	...	8	11	...	8	14	...	...	1
2	...	...	...	...	...	...	...	...	...	4	4	...	4	4	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	4	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	4	...	...	...	...	...	...	...	...	...	...	12	12	12	...	..
8	...	...	...	2	...	...	2	...	...	2	...	...	2	...	...	2	...
9	6	12	...	...	...	...	...	3	...	...	10	...	...	10	...	...	...
10	...	...	...	1	...	...	...	...	...	2	2	...	...	...	...	...	...
11	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...	...	..
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	
14	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
17	...	...	...	..	...	...	1	...	...	1	...	...	...	...	...	...	...
18	...	...	...	1	...	...	1	...	...	1	..	...	1	...	...	1	...
19	...	...	...	1	...	...	1	...	...	1	...	...	1	...	..	1	...
20	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
21	2	8	...	...	4	...	...	2	...	...	8	...	...	2	.	...	2
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
23	...	...	...	3	3	...	2	2	...	2	2	...	2	2	...	...	...
24	12	56	...	...	...	...	...	12	...	...	36	...	...	48	...	...	...
25	1	4	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
26	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	2	...	...	2	...	...	2	...	...	2	...	...	2	...
28	...	20	...	2	2	...	...	...	...	2	2	...	..	...	...	...	...
29	...	...	..	1	...	...	1	...	...	1	...	...	1	...	...	1	...
30	...	.	...	1	...	...	1	...	...	1	...	..	1	...	...	1	...
31	...	...	...	1	...	...	1	...	...	3	...	...	1	...	...	3	...
32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	...		1	...	...	1	...	...	1	...	...	1	...	...	...	...
35	...	...	...	1	...	...	..	...	...	1	...	...	1	..	...	...	...
36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...	..

† For technical equipment of a Railway Company, *see* Table 20.
‡ Including Coast Battalion and Local Companies.

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Barrack, &c., and

TABLE 18—*continued.*

	Regimental Staff, Corps Engineers.	Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
						1st and 3rd Divisions.				
	War.	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 25 —*continued.*										
Stamps, steel for wood $\frac{3}{16}$ in. letters, single: figures 0 to 8, ... sets	...	...	...	1	...	...	...	4	1	1
Stamps, steel for wood $\frac{3}{16}$ in. letters, single: R E, A or B.C,D, B.T.d m of each	...	...	...	1	...	...	...	...	...	2
Stamps, steel for wood $\frac{3}{16}$ in. letters, single: R,E§d,m ,,	...	...	...	...	...	...	...	4	1*	3
Stamps, steel for wood, $\frac{3}{16}$ in. letters, single (R E§) of each: figures, 0 to 8 sets	...	...	...	1	...	...	1	...	1	4
Stamps, steel for wood, $\frac{3}{16}$ in. letters, single (R E§) of each	...	...	...	1	...	...	1	...	1	5
Stamps, brass on wood, 2 in.	...	...	...	...	...	...	...	...	1	6
Stands, flat iron	...	...	...	4	4	...	...	...	...	7
Typeholders	...	...	...	2	...	...	2	...	2	8
Blocks... ... ... sets	...	...	...	2	...	...	2	...	2	9
Type, letters, R E§ $\frac{1}{2}$ in. ,,	...	...	...	1	...	...	2	...	2	10
Woolwich Section, No. 26. *Barrack and Hospital Stores. (Part II.)*										
Balances, spring: 200 lbs. ...	...	...	...	...	...	...	...	...	...	11
Balances, spring: 80 ,, ..	1	...	...	5	5	...	...	8	...	12
Balances, spring: 4 ,, ...	...	...	...	...	1	...	...	...	...	13
Hose, canvas: 4 in. diameter yards	...	...	...	...	...	...	...	...	...	14
Hose, canvas: 3 ,, ,,	...	...	...	...	...	...	...	...	...	15
Implements, butchers', cases, wood, Mark III ...	...	...	...	...	1	...	...	...	...	16
Implements, butchers', sheets, ground (unserviceable)	...	...	...	...	1	...	...	...	...	17
Implements, butchers', choppers, meat, Mark III	...	...	...	...	1	...	...	...	...	18
Implements, butchers', hooks, butchers', dressing, 9 in.	...	...	...	...	6	...	...	...	...	19
Implements, butchers', knives, butchers' cutting ...	...	...	...	...	1	...	...	...	...	20
Implements, butchers', knives, butchers' flaying, large	...	...	...	...	1	...	...	...	...	21
Implements, butchers', saws, tenon, 14 in. ...	...	...	...	...	1	...	...	...	...	22
Implements, butchers', steel, butchers'	...	...	...	...	1	...	...	...	...	23
Implements, butchers', steelyards, 56 lbs.	...	...	...	...	1	...	...	...	...	24

* Letters R E, T B only.

§ And distinguishing letters of unit.

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Textile Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Railway Company.†	
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.		
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, Submarine Mining‡ and Depôt Companies—peace only.	Peace Establishment.	War Establishment.
1	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...	...	...
4	...	...	...	1	...	...	1	...	...	1	...	...	1	...	1	1	...
5	...	...	...	1	...	...	1	...	...	1	...	...	1	...	1	1	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
8	...	...	...	2	...	...	2	...	...	2	...	...	2	...	2	2	...
9	...	...	...	2	...	...	2	...	...	2	...	...	2	...	2	2	...
10	...	...	...	1	...	...	1	...	...	2	...	...	2	...	2	2	...
11	...	...	...	1	1	...	...	...	...	2	2	...	...	...	...	...	...
12	2	8	...	3	3	...	2	2	...	4	4	...	4	4	...	...	...
13	...	8	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
14	...	...	...	60	60	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	60	60	...	...	...	...	...	...	...	300	300	...	...	...
16	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
17	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
18	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
19	...	24	...	...	6	...	...	6	...	...	6	...	...	6	...	...	6
20	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
21	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
22	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
23	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
24	...	4	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1

† For technical equipment of a Railway Company, *see* Table 20.

‡ Including Coast Battalion and Local Companies.

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Barrack, &c., and

TABLE 18—*continued.*

	Bridging Battalion.				Telegraph				
	Peace.			War	Peace.				
					1st and 3rd Divisions.				
	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 27.									
B—*Textile Stores.*									
Bags, line gear	...	...	...	...	...	...	...	...	1
Chests, pack transport, Clarkson, Mark II	...	...	10	10	...	...	...	...	2
Cotton, waste, white ... ... lbs.	...	...	...	...	80	...	...	...	3
Leathers, chamois	...	...	...	...	6	...	...	...	4
Mops, common...	...	...	24	24	...	...	...	...	5
Muslin blue ... ... yards	...	...	...	...	4	...	...	...	6
Muslin white ... ... ,,	...	...	...	...	4	...	...	...	7
Rags, cotton ... ... lbs.	...	...	...	...	10	...	...	...	8
Tape, linen, ¾-inch, white pieces	...	...	...	...	1½	...	...	...	9
D—*Packsaddlery.**									
Packsaddlery, G.S., girths, demolition equipment, sets...	...	...	...	...	...	...	...	...	10
Packsaddlery, G.S., racks, intrenching tool, R.E. pairs ...	...	...	...	...	...	...	...	...	11

NOTE.—For sets of Packsaddlery, *see* Table 11.

* *See* also page 50.

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Textile Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1	...	8	...	6	6	...	...	...	...	5	5	...	...	...	...
2	..	...	...	18	18	...	...	...	...	33	33	...	36	36	...
3	5	40	1	...	1	...	...	...	1	...	1	...	...	...	...
4	6	16	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	10	...	...	...	...	...	...	...	..	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	1	1	...	...	...	...	1	1	...	...	...	...
11	...	...	...	3	3	...	...	...	...	2	2	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19.

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
					1st and 3rd Divisions.				
	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment	4 Sections.	2nd Division.	
Woolwich Section, No. 3.									
Field Hospital Equipment.									
Panniers, general service	...	...	...	...	...	...	16	...	1
Woolwich Section, No. 7.									
Tools, Artificers, &c.									
Elderpith ... ... bundles	...	...	...	...	6	...	...	...	2
§ 9888 L. of C. **Lathes,** engineers', foot, 6 in. centre, 6 ft. gap bed	...	...	1	...	...	...	...	...	3
Pegwood ... ... bundles	...	...	...	...	6	...	...	...	4
Woolwich Section, No. 10.									
Ironmongery, &c.									
38107 / Equipt. / 2039 **Ebonite,** bar, unpolished 1 in. lbs.,	...	...	...	...	2	...	...	...	5
Ebonite, sheet, un- ½ in. ,,	...	...	...	...	2	...	...	...	6
Ebonite, polished, ¼ in. ,,	...	...	...	...	1	...	...	...	7
Woolwich Section, No. 11.									
B.—*Packages, Oil and Paint, &c.*									
Bottles, tin, oil, with screw top, 2 quarts...	...	...	...	...	...	...	...	...	8
Woolwich Section, No. 18.									
A.—*Blocks, Canvas, Cordage, &c.*									
Trumpets, speaking, middling ...	...	...	1	1	...	...	...	...	9
Woolwich Section, No. 28.									
A—*Submarine Mining Stores.*									
Bags, gun-cotton 25 lbs.	3	3	6	6	...	...	...	...	10
Bags, gun-cotton clamps	3	3	6	6	...	...	...	...	11
Coils, resistance, 10,000 ohms. ...	...	...	...	...	...	1	...	...	12
Exploders, dynamo-electric, quantity	...	...	1	1	...	...		...	13

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Stores.

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway Companies.†
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	
1	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	4	4	...	...	...	1	3	3	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	3	6	6	...	...	...	3	21	21	...	30	30	...
11	...	...	3	6	6	...	...	...	3	21	21	...	30	30	...
12	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	1	1	...	...	...	...	1	2	...	1	1	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Divisions. 12 Months' Supply, each Division.	1st and 3rd Divisions. Headquarters, Establishment.	1st and 3rd Divisions. 4 Sections.	2nd Division.	
	Woolwich Section, No. 28 —*continued.*									
	Galvanometers, astatic*	...	...	...	...	...	1	...	...	1
	Rope, steel, 2 in. ... ... fms.	...	...	...	...	...	...	...	...	2
	Sextants, double	...	...	...	...	...	...	...	...	3
7901 / 609	**Tools,** electricians' { large ... sets	...	...	...	...	...	...	16	...	4
	small ... ,,	...	...	...	...	...	...	16	...	5
	B—Electric Light Stores.									
7896 / 487	**Wires,** covered, C. 5 ... ... yards	...	...	...	...	1650	100	1280	...	6
	C—Stores for Land Cables, &c.									
	Tape, indiarubber ... ... lbs.	...	...	...	...	5	...	...	...	7
	D—Vehicles and other Stores, &c.									
§ 9458 L. of C.	**Bottles,** naphtha, 1 gallon	...	...	5	...	...	...	...	...	8
40185	**Brushes,** indiarubber solution ...	9	9	6	6	...	...	...	...	9
8945	**Casks,** water, 5 gallons, R.E. ...	...	...	8	6	...	1	16	...	10
	Chests, office, field company, No. 1	...	...	...	...	...	...	...	...	11
	,, 2	...	...	...	...	...	...	...	...	12
	,, 3	...	...	...	...	...	...	...	...	13
	pontoon troop, ,, 1	...	...	1	...	...	...	...	...	14
	,, 2	...	...	1	...	...	...	...	...	15
	,, 3	...	...	1	...	...	...	...	...	16
7901	,, 4	...	...	1	...	...	...	...	...	17
623	**Springs,** wagon, pontoon, hind sets	...	...	..	...	...	...	...	...	18
7901 / 652	*E—Army Signalling Stores.*									
	Binoculars, { Mark III	...	...	...	...	...	...	16	...	19
	cases, Mark II ...	...	...	...	...	...	..	16	...	20
54	§ **Books,** signalling { Manual of Instruction	...	...	...	...	...	..	24	...	21
Engineers	Message Forms ...	...	...	...	...	...	...	24	...	22
9156	**Cans,** oil, feeding, army signalling	...	...	...	...	..	...	...	...	23
40116	**Candles,** composite‡ ... ... lbs.	...	...	...	..	12	...	...	...	24
7080	**Cases,** message book	..	...	...	...	...	...	12	...	25
§ 7571 L. of C.										

* Or "Galvanometer, horizontal," when stock of above is exhausted.
§ Supplied by Stationery Department.
‡ Supplied by Army Service Corps.

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway Companies †
1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	100	100	...
3	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
4	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
6	100	1280	...	225	225	...	...	...	...	...	...	...	...	...	...
7	...	10	...	...	3	...	...	...	...	...	2	...	...	2	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
9	...	...	...	...	...	...	...	...	2	4	2	...	...	...	...
10	1	16	...	3	6	...	8	9	...	4	6	...	7	12	...
11	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...
12	...	..	...	1	...	...	1	...	...	1	...	...	1	..	...
13	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	..	...	...	...	...	...	...	...	...	1	1	...
19	...	16	...	2	2	...	2	2	...	2	2	...	...	...	...
20	...	16	...	2	2	...	2	2	...	2	2	...	...	...	...
21	...	24		4	4	...	...	2	...	4	4	...	...	...	...
22	...	24	2	4	4	...	...	2	...	4	4	...	...	...	...
23	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
24	...	16	...	...	...	...	...	...	12	...	12	...	...	24	...
2	...	12	...	2	2	...	3	...	...	2	2	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 10—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Divisions. 12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 28 —*continued.*									
61 Engineers	**Flags,** signal, army, blue, ... 3 ft. square	...	...	...	...	...	...	12	...	1
	2 ft. ,,	...	...	...	...	...	...	24	...	2
	white, with stripe, 3 ft. ,,	...	...	...	...	...	...	12	...	3
	2 ft. ,,	...	...	...	...	...	...	12	...	4
9156	poles, ... 5 ft. 6 in. ...	...	...	...	...	...	...	24	...	5
	3 ft. 6 in. ...	...	...	...	...	...	...	36	...	6
7901	**Heliographs** 5 in.	...	...	...	...	...	...	12	...	7
	buckets	...	...	...	...	...	...	12	...	8
652	**Lamps,** bull's eye, signal	...	...	...	...	...	...	12	...	9
40116	**Panniers,** signalling, with padlock and keys, Mark II, No. 1	...	...	...	...	...	...	...	...	10
7080	**Stands** lamp, or heliograph A ...	...	...	...	...	...	...	12	...	11
	lamp, bull's-eye	...	...	...	...	...	...	12	...	12
7901	telescope, signalling ...	...	...	...	...	...	...	12	...	13
	Telescopes, signalling	...	...	...	...	...	...	12	...	14
652	**Wheels,** cypher	...	...	...	...	...	...	32	...	15
	F—*Pontoon Stores.*									
	Pontoons, bipartite, Mark II...	...	...	16	16	...	...	...	...	16
7901	bailers	...	...	16	16	...	...	...	...	17
461	baulks, Mark III	...	...	100	100	...	...	...	...	18
	shore end, Mark II 3 inside, 2 outside sets	...	...	4	4	...	...	...	...	19
	cut	...	...	12	12	...	...	...	...	20
	buoys	...	...	32	32	...	...	...	...	21
7901	cables	...	...	50	50	...	...	...	...	22
619	chesses	...	...	312	312	...	...	...	...	23
...	hooks, boat, 11 ft. 7½ in....	...	...	16	16	...	...	...	...	24
700	lines, breast, 60 ft.	...	...	112	112	...	...	...	...	25
	oars, ash, 12 ft.	...	...	80	80	...	...	...	...	26
	ribands	...	...	40	40	...	...	...	...	27
	saddles, baulk, cut...	...	...	6	6	...	...	...	...	28
	sticks, rack	...	...	140	140	...	...	...	...	29
	transoms, Mark III	...	...	4	4	...	...	...	...	30
	trestles, blocks, clamping ...	...	...	8	8	...	...	...	...	31
	chains	...	...	8	8	...	...	...	...	32
	legs long	...	...	8	8	...	...	...	...	33
	legs short	...	...	8	8	...	...	...	...	34
	screws, clamping ...	...	...	8	8	...	...	...	...	35
	shoes	...	...	8	8	...	...	...	...	36
	tackles	...	...	8	8	...	...	...	...	37
	transoms	...	...	4	4	...	...	...	...	38
	Mark I sides, rough	4	4	...	...	...	...	...	...	39

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway Companies.†
1	...	12	...	2	2	...	2	2	...	2	2	...	...	...	...
2	...	24	...	2	2	...	2	2	...	2	2	...	...	...	...
3	...	12	...	2	2	...	2	2	...	2	2	...	...	...	...
4	...	12	...	2	2	...	2	2	...	2	2	...	...	...	...
5	...	24	...	4	4	...	4	4	...	5	5	...	...	...	...
6	...	36	...	4	4	...	4	4	...	5	5	...	...	...	...
7	...	12	...	...	...	...	...	...	...	2	...	...	...	...	...
8	...	12	...	...	...	...	...	...	...	2	...	...	...	...	...
9	...	12	...	4	4	...	...	...	...	4	4	...	..	...	...
10	...	...	...	1	1	...	...	...	...	1	1	...	...	...	...
11	...	12	...	...	...	...	...	...	...	2	...	...	...	...	...
12	...	12	...	4	4	...	...	...	...	4	4	...	...	...	...
13	...	12	...	...	...	...	...	...	...	2	2	...	...	...	...
14	...	12	...	...	...	...	...	...	...	2	2	...	...	...	...
15	...	32	...	2	2	...	...	...	...	2	2	...	...	...	...
16	...	...	...	...	...	...	...	...	...	2	2	...	...	...	..
17	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
18	...	...	...	...	...	...	...	...	...	11	11	...	...	..	...
19	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	4	4	...	...	...	...
22	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
23	...	...	...	...	...	...	...	...	...	52	52	...	...	...	...
24	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
25	...	...	...	...	...	...	...	...	...	6	6	...	...	...	...
26	...	...	...	...	...	...	...	...	...	10	10	..	...	...	...
27	...	...	...	...	...	...	...	...	...	4	4	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	20	20	...	...	...	...
30	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, see Table 20.

7901
677

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TABLE 19—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
		12 Months' Supply. Higher Establishment Troop.	12 Months' Supply. Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Divisions. 12 Months' Supply, each Division.	1st and 3rd Divisions. Headquarters, Establishment.	1st and 3rd Divisions. 4 Sections.	2nd Division.	
	Woolwich Section, No. 28—*continued.*									
	Pontoons, bipartite, Mark II, battens, Mark II* ...	8	8	8	8	...	...	...	...	1
	Pontoons, bipartite, Mark II, beams, saddle, Mark II	...	...	16	16	...	...	...	...	2
	Pontoons, bipartite, Mark II, bearers, chess	...	...	64	64	...	...	...	...	3
	Pontoons, bipartite, Mark II, holders, chess... ...	...	...	64	64	...	...	...	...	4
	Pontoons, bipartite, Mark II, ribs, Mark II* ...	2	2	8	8	...	...	...	...	5
7901 / 445	**Woolwich Section, No. 29.**									
	A—*Telegraph and Survey Apparatus.*									
	Apparatus, repairing wire	...	...	...	...	...	...	72	...	6
	Barometers, aneroid .. ... pairs	...	...	...	...	...	...	...	...	7
	Barometers, aneroid, special pattern with case, large ...	...	...	...	...	...	...	..	...	8
	Barometers, aneroid, special pattern with case, small...	...	...	...	...	...	...	...	...	9
	Barrows, drum, universal	...	...	...	...	...	...	12	...	10
	Barrows, drum, " handles (spare)	...	...	...	...	...	...	12	...	11
	Barrows, drum, " spindles ,,	...	...	.	...	...	...	32	...	12
	Baseboards, telegraph equipment	...	...	...	...	...	...	12	...	13
	Batteries, Le Clanché, telegraph, six-cell	...	...	...	...	...	...	12	...	14
	Batteries, Le Clanché, telegraph, ten-cell	...	...	...	...	...	...	48	...	15
	Batteries, Le Clanché, telegraph, blocks	...	...	...	...	480	...	...	...	16
	Batteries, Le Clanché, telegraph, cells, empty	...	...	...	...	60	...	...	..	17
	Batteries, Le Clanché, telegraph, compound ... ... lbs.	...	...	...	...	24	...	...	...	18
	Batteries, Le Clanché, telegraph, nuts	...	...	...	...	24	...	...	...	19
	Batteries, Le Clanché, telegraph, plates, carbon	...	...	...	...	120	.	...	...	20
	Batteries, Le Clanché, telegraph, plates, zinc	...	...	...	...	120	...	.	...	21
	Batteries, Le Clanché, telegraph, terminals	...	...	...	...	24	...	...	..	22
	Batteries, Le Clanché, telegraph, tubes	...	...	...	...	240	...	...	...	23
	Bells, chattering	...	...	...	...	...	...	12	...	24
57	**Boards,** drawing, imperial ..	...	...	1	1	...	...	...	...	25
24	**Boards,** sketching, (Mark II) ...	...	...	...	..	...	...	...	...	26
2257	**Bottles,** ink, surveying	.	...	2	2	...	...	...	...	27
	Boxes, candle, cylindrical, large ..	...	...	...	...	...	...	...	...	28
	Boxes, candle, cylindrical, small ..	...	...	...	...	...	...	16	...	29
	Boxes, cash, telegraph office	...	...	...	...	...	...	16	...	30
	Boxes, match	...	...	...	...	...	...	56	...	31
	Boxes, moist colours	.	...	1	1	...	...	...	...	32
	Boxes, resin	...	...	...	...	...	...	...	...	33
	Boxes, screws and nails	.	...	1	1	...	...	16	...	34
	Boxes, spare parts of batteries	...	..	...	...	...	..	16	...	35
	Boxes, station tools	...	...	...	...	...	...	12	...	36
Z	**Boxes,** sulphate of copper	...	...	...	...	...	...	32	...	37
Engineers.	**Boxes,** testing and jointing, filled ..		...	1	1	...	...	...	...	38
1770	**Boxes,** tin, japanned, stationery, unit, ... A ...	...	...	...	...	...	...	12	...	39
7901	**Boxes,** tin, japanned, stationery, unit, ... B ...	. .	...		...	...	...	36	...	40
326	**Boxes,** vibrating instruments	...	...	...	...	...	...	16	...	41
...	**Boxes,** wick and scissors	...	...	...	...	...	.	16	...	42
652	**Brackets,** bent shank (Mk. II) ..	...	...	...	...	...	...	156	...	43
...	**Brackets,** insulator, spike	...	...	...	...	...	...	300	...	44
326	**Cables,** electric, D 7 in lengths of 100 yards ... lengths	...	...	...	...	...	...	8	...	45

* To be demanded in sizes as required.

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Stores—*continued.*

Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 ...	...	...	...	...	...	...	...	...	2	2	...	...	...	...
3 ...	...	...	...	...	...	...	...	...	9	9	...	...	...	...
4 ...	...	...	...	...	...	...	...	...	10	10	...	...	...	...
5 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 ...	72	...	...	...	...	...	...	...	...	...	...	...	...	...
7 ...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
8 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
9 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
10 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
11 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
12 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
13 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
14 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
15 ...	48	...	...	...	...	...	...	...	...	...	...	...	...	...
16 ...	640	...	...	...	...	...	...	...	...	...	...	...	...	...
17 ...	80	...	...	...	...	...	...	...	...	...	...	...	...	...
18 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
20 ...	160	...	...	...	...	...	...	...	...	...	...	...	...	...
21 ...	160	...	...	...	...	...	...	...	...	...	...	...	...	...
22 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
23 ...	320	...	...	...	...	...	...	...	...	...	...	...	...	...
24 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
25 ...	...	...	...	...	...	2	2	...	...	...	...	2	2	...
26 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
27 ...	...	...	4	4	...	3	3	...	4	4	...	4	4	...
28 ...	...	...	3	3	...	...	...	...	2	2	...	4	4	...
29 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
30 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
31 ...	56	...	12	12	...	...	...	...	12	12	...	12	12	...
32 ...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
33 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34 ...	16	...	1	1	...	...	...	...	...	...	...	1	1	...
35 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
36 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
37 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
38 ...	...	...	1	1	...	...	...	...	1	1	...	1	1	...
39 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
40 ...	72	...	...	...	...	...	...	...	...	...	...	...	...	...
41 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
42 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
43 ...	156	...	...	...	...	...	...	...	...	...	...	...	...	...
44 ...	300	...	...	...	...	...	...	...	...	...	...	...	...	...
45 ...	8	...	...	...	...	...	...	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19—*continued.*

		Bridging Battalion.				Telegraph				
		Peace.			War.	Peace.				
		12 Months' Supply, Higher Establishment Troop.	12 Months' Supply Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	1st and 3rd Divisions. 12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 29—*contd.*									
54 Engineers	**Cables,** electric, D 7... ... ...miles	...	...	...	...	...	...	32	...	1
	Cables, electric, D 11 in lengths of 100 yards ... lengths	...	...	...	...	...	...	24	...	2
9924	**Cases,** clinometer and compass ...	...	...	1	1	...	...	...	...	3
7901	**Cases,** galvanometer, detector, Q. and I.	...	...	...	...	...	...	32	...	4
326	**Cases,** sketching, R.M.A.	...	...	1	1	...	...	...	...	5
...	**Cases,** vibrating transmitter and operators' telephone ...	...	...	...	...	...	...	20	...	6
303	‖ **Cells,** electric, Obach, Q (Mark I)...	...	...	...	...	...	...	64	...	7
...	**Chains,** measuring, 100 ft. ... sets	...	...	...	...	...	...	...	...	8
594	‖ **Climbers,** pole ... ...pairs	...	...	...	...	...	...	28	...	9
	Clinometers, mirror	...	...	1	1	...	...	...	...	10
	Clips, cable field, telegraph ...	...	...	...	...	...	...	104	...	11
7901	**Clips,** pole ... ... sets	...	...	...	...	...	...	360	...	12
	Compasses, mag-netic plane table ...	...	...	...	...	...	...	...	...	13
312	**Compasses,** mag-netic pocket ...	...	...	...	...	...	...	16	...	14
	Compasses, prismatic	...	...	2	2	...	...	...	...	15
54 Engineers	**Condensers,** $\frac{1}{20}$ microfarad	...	...	...	...	...	...	...	...	16
	‖ **Counters,** bone...	...	...	...	...	100	...	...	...	17
9979	**Cyclostyles***	...	...	1	1	...	...	...	...	18
	Desks, field, portable...	...	...	...	...	...	...	12	...	19
	Dischargers, lightning, field, 2 line plate	...	...	...	...	...	...	12	...	20
	Drums, wood packing, No. 1 ...	...	...	...	...	...	...	16	...	21
	Drums, wood packing, ,, 2 ...	...	...	...	...	...	...	60	...	22
7901	‖ **Extractors,** spike, telegraph ...	...	...	...	...	...	...	12	...	23
355	‖ **Galvanometers,** detector, Q. and 1. ...	...	...	...	...	...	...	32	...	24
	‖ **Galvanometers,** single and duplex ...	...	...	...	...	...	...	24	...	25
	Guards, hand, telegraph equipment ... ... pairs	...	...	...	...	...	...	28	...	26
	Guys, telegraph pole...	...	...	...	...	...	...	104	...	27
	Hammer, R.E., telegraph sledge (Mark II)	...	...	...	...	...	...	28	...	28
	Horizons, mercurial...	...	...	...	...	...	...	...	...	29
	Instruments, drawing, R.E. sets	...	...	1	1	...	...	...	...	30
	Instruments, telegraph, Morse, recording, papers, paraffined, in box ... sets	...	...	...	...	...	...	12	...	31
	Instruments, telegraph, sounder, trans-lating, ...	...	...	...	...	...	...	24	...	32
	Instruments, telegraph, sounder, trans-lating, cases	...	...	...	...	...	...	24	...	33
	Instruments, telegraph, sounder, trans-lating, spare parts, sets	...	...	...	...	4	...	...	...	34
	Instruments, telegraph, sounder, field, Mark II spare parts sets§	...	...	...	...	4	...	...	...	35
	Instruments, telegraph, vibrating transmitters, Mark IV¶ ...	...	...	...	...	...	...	20	...	36
	Instruments, telegraph, vibrating transmitters, Mark IV spare parts... sets‡	...	...	...	...	4	...	...	...	37

* Or "Apparatus copying" when stock of above is exhausted.

‖ Instruments, telegraph, sounder, translating. Detail of set of spare parts:—

Armatures ...	1	Screws, spring	1	Screws, contact	2
Screws, pivot	2	Springs ...	1	Terminals ...	2

‡ Instruments, telegraph, transmitter, vibrating, Mark IV. Detail of set of spare parts:—

Brackets	2	Springs, key ...	2	Terminals, double ...	2
Screws, contact ...	2	Stops, front ...	2		

¶ Berthon microphones, &c., will be continued in use until existing stock is used up.

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Stores—*continued.*

Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway Companies.†
1 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
2 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
3 ...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
4 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
5 ...	...	...	2	2	...	2	2	...	2	2	...	2	2	...
6 ...	20	...	...	...	...	...	...	...	...	...	...	...	...	...
7 ...	64	...	...	...	...	...	...	...	...	...	...	...	...	...
8 ...	...	...	...	...	...	...	...	...	1	1	...	1	1	...
9 ...	28	...	9	9	...	...	...	...	...	...	...	...	...	...
10 ...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
11 ...	104	...	...	...	...	...	...	...	...	...	...	...	...	...
12 ...	360	...	...	...	...	...	...	...	...	...	...	...	...	...
13 ...	...	...	...	...	...	1	1	...	1	1	...	1	1	...
14 ...	16	...	...	...	...	1	1	...	...	...	...	...	...	...
15 ...	...	...	2	2	...	...	...	...	2	2	...	2	2	...
16 ...	...	...	9	9	...	...	...	...	...	...	...	...	...	...
17 100	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 ...	...	...	...	...	...	...	...	...	1	1	...	2	2	...
19 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
20 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
21 ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
22 ...	60	...	...	...	...	...	...	...	...	...	...	...	...	...
23 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
24 ...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
25 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
26 ...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
27 ...	104	...	...	...	...	...	...	...	...	...	...	...	...	...
28 ...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
29 ...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
30 ...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
31 ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
32 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
33 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
34 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36 ...	20	...	...	...	...	...	...	...	...	...	...	...	...	...
37 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...

§ Instruments, telegraph, sounder, field, Mark II. Detail of set of spare parts:—

Glasses	1	Springs, key	4
Needles	1	Studs, contact, key { lower ...	2
		Studs, contact, key { upper ...	2
Screws { contact { key	2	Switches	1
Screws { contact { armature { lower	1	Terminals { plain, complete ...	1
Screws { contact { armature { upper	1	Terminals { switch ,, ...	1
Screws { pivot	2	Terminals { tipped ,, ...	2
Springs, armature...	2		

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19—*continued.*

		Regimental Staff, Corps Engineers.	Bridging Battalion.				Telegraph				
			Peace.			War.	Peace.				
							1st and 3rd Divisions.				
		War.	12 Months' Supply, Higher Establishment Troop.	12 Months' Supply, Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
	Woolwich Section, No. 29—*continued.*										
	Insulators, ebonite, hanging	...	...	...	...	...	...	...	144	...	1
	Insulators, ebonite, with shank	...	...	...	...	...	...	...	1800	...	2
	Jumpers	...	...	...	...	...	...	...	28	...	3
	Keys, double current	...	...	...	...	...	...	...	12	...	4
	Keys, single current	...	...	...	...	...	...	...	12	...	5
	Ladders, field telegraph	...	...	...	4	4	...	...	16	...	6
	Lanterns ,, ,,	...	...	...	...	...	...	...	20	...	7
	Leather, black, enamelled lbs.	...	...	...	...	...	4	...	...	...	8
	Levels, telescopic, 10 in. Mark IV	...	...	...	...	...	...	...	...	...	9
§10679 L. of C.	**Nuts** and washers, telegraph mechanics sets	...	...	...	...	...	10	...	...	...	10
	Paper, morse. ⅜ in. rolls	...	...	...	...	...	10	...	...	...	11
§10588 L. of C.	**Pickets,** guy, telegraph, light	...	...	...	...	...	...	...	104	...	12
7901	**Pins,** drawing	...	...	...	36	36	...	...	...	...	13
	Pipes, earth (Mark II)	...	...	...	...	...	...	...	20	...	14
598	**Pipes,** hose, indiarubber, ½ in. yards	...	...	...	...	...	50	...	83	...	15
	Poles, tele-graph, wood, 17 ft.	...	...	...	...	...	...	...	96	...	16
	Poles, tele-graph, wood, 13 ft., light	...	...	...	...	...	...	...	1200	...	17
	Poles, tele-graph, wood, 13 ft., octagonal, Mark III	...	...	...	...	...	...	...	480	...	18
	Poles, tele-graph, wood, 8 ft.	...	...	...	...	...	...	...	180	...	19
	Powder, silvering ozs.	...	...	...	...	...	6	...	...	...	20
	Pro-tractors, brass, semi-circular, 6¼ in.	...	...	...	1	1	...	...	...	...	21
	Pro-tractors, cardboard, 12-in.	...	...	...	...	...	...	...	...	...	22
	Pro-tractors, ivory, 6 in.	...	...	...	2	2	...	...	...	...	23
	Relays, telegraph, Mark II	...	...	...	...	...	...	...	24	...	24
	Ribbon, silk, ½ in. yards	...	...	...	...	...	12	...	...	...	25
7901	**Rods,** boning, common sets	...	...	...	...	...	...	...	...	...	26
738	**Rods,** clearing, obstacles	...	...	...	...	...	...	...	12	...	27
	Rods, measuring, 10-ft.	...	...	...	2	2	...	...	...	...	28
	Rods, measuring, common, 5-ft. (or 6-ft.)	...	...	...	12	12	...	...	...	...	29
	Rulers, parallel, 1 ft. 6 in.	...	...	...	1	1	...	...	...	...	30
	Rulers, rolling, 1 ft. 3 in.	...	...	...	...	...	...	...	...	...	31
7901	**Rulers,** plane table, small	...	...	...	...	...	...	...	...	...	32
312	**Rulers,** plane table, reconnaissance (Mark I)	...	...	...	1	1	...	...	...	...	33
	Scales, mathematical, boxwood, No. 3 sets	...	...	...	1	1	...	...	...	...	34
	Scales, mathematical, boxwood, ,, 1 ,,	...	...	...	1	1	...	...	...	...	35
	Separators, field service	...	...	...	...	...	...	...	12	...	36
	Set squares, 9 in.	...	...	...	...	...	...	...	...	...	37
	Set squares, 6 in.	...	...	...	...	...	...	...	...	...	38
§10364 L. of C.	**T-squares,** mahogany, 36 in.	...	...	...	...	...	...	...	...	...	39
	Sextants, pocket	...	...	...	1	1	...	...	...	...	40
	Solder, silver ozs.	...	...	...	...	...	2	...	...	...	41
	Stamps, dating, army telegraph	...	...	...	...	...	...	...	20	...	42
	Staves, levelling 14 ft.	...	...	...	1	1	...	...	...	...	43
	Sticks, long	...	...	...	...	...	...	...	24	...	44
	Sticks, crook, short	...	...	...	...	...	...	...	24	...	45
	Straight-edges, 36 in.	...	...	...	...	...	...	...	...	...	46

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Stores—*continued.*

Battalion.			Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway† Companies.
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	
1	...	144	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	1800	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	16	...	...	...	...	...	...	...	1	1	...	2	2	...
7	...	20	...	3	3	...	...	...	...	2	2	...	2	2	...
8	4	...	...	...	...	...	...	...	...	..	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	104	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	36	36	...	36	36	...	36	36	...	36	36	...
14	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	88	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	96	..	...	...	...	...	...	...	...	...	...	...	...	...
17	...	1200	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	480	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	180	...	...	...	...	...	...	...	..	..	...	...	...	...
20	6	...	...	...	...	...	...	...	..	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	6	6	...	6	6	...	6	6	...	6	6	...
23	...	...	...	2	2	...	2	2	...	2	2	...	2	2	...
24	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
25	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	1	1	...	...	...	...	1	1	...	1	1	...
27	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	12	12	...	...	...	...	20	20	...	20	20	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
32	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...
33	...	...	...	1	1	...	...	...	...	1	1	...	1	1	...
34	...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
35	...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
36	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
37	...	...	...	2	2	...	1	1	...	2	2	...	2	2	...
38	...	...	...	2	2	...	1	1	...	2	2	...	2	2	...
39	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...
40	...	...	...	1	1	...	1	1	...	1	1	...	1	1	...
41	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...
43	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...
44	...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
45	...	24	...	...	...	...	...	..	...	...	...	...	...	...	...
46	...	..	...	...	...	...	...	..	...	...	...	...	1	1	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19—*continued.*

		Bridging Battalion. Peace. 12 Months Supply, Higher Establishment Troop.	Bridging Battalion. Peace. 12 Months Supply, Lower Establishment Troop.	Bridging Battalion. Peace. Establishment per Pontoon Troop.	Bridging Battalion. War. Establishment per Pontoon Troop.	Telegraph. Peace. 1st and 3rd Divisions. 12 Months' Supply, each Division.	Telegraph. Peace. 1st and 3rd Divisions. Headquarters, Establishment.	Telegraph. Peace. 1st and 3rd Divisions. 4 Sections.	Telegraph. Peace. 2nd Division.	
	Woolwich Section, No. 29—*continued.*									
7901	**Switches,** single and duplex ...	...	...	...	...	...	...	28	...	1
312	**Tables,** plane, reconnaissance (Mark I) ..	...	...	1	1	...	...	...	...	2
7901	small	...	...	...	...	...	...	...	...	3
355	**Tapes,** measuring, 100 ft.... ...	...	...	4	4	...	1	...	...	4
	50 ft	...	...	...	...	...	...	...	...	5
	15 ft.... ...	...	...	2	2	...	...	...	...	6
...	**Telephones,** Ader, receivers	...	...	...	...	...	...	20	...	7
326	,, spare parts,* sets	...	...	...	...	1	...	...	...	8
54	operator's	...	...	...	...	...	...	32	...	9
Engineers	,, cases	...	...	...	...	...	...	12	...	10
9979	,, carbons boxes	...	...	...	...	...	...	32	...	11
	,, mouthpieces, (spare)...	...	...	...	...	...	...	32	...	12
7901	**Terminals,** electrical instruments,									
605	double, No. 0	...	...	...	...	...	144	...	...	13
...	**Theodolites,** 5-in., transit	...	...	1	1	...	...	...	...	14
594	**Vices,** draw, Mark II	...	...	...	...	...	...	40	...	15
54	**Watches...**	...	...	..	...	...	...	32	...	16
Engineers	**Wires,** covered, A 2 ... ... lbs.	...	...	...	...	1	...	...	...	17
9979	A 3 ... ... ,,	...	...	...	...	½	...	...	...	18
7896	A 4 ... ... ,,	...	...	...	...	½	...	...	...	19
487	A 5 ... ... ,,	...	...	...	...	½	...	...	...	20
7901	C 8 ... ... yds.	...	...	1760	1760	...	...	...	...	21
729*a*	**Wires,** un-covered Z, 32, for line miles	...	...	...	...	...	...	60	...	22
	,, stays ,,	...	...	...	...	...	...	6	...	23
Vocab., pp. 1111, 1154 & 1158	,, binders yds.	...	...	...	...	...	...	1200	...	24
	22 ... ... lbs.	...	...	...	...	1	...	...	...	25
	23 ... ... ,,	...	...	...	...	1	...	...	...	26
	24 ... ... ,,	...	...	...	...	1	...	...	...	27
	25 ... ... oz.	...	...	...	...	1	...	...	...	28
	D—*Range Finding Stores.*									
	Mekometers, infantry ... sets	...	...	...	...	...	...	...	...	29
	Not in Vocabulary.									
	Batteries, Le Clanché telegraph mixture, of two parts Trinidad bitumen and one part plaster of Paris lbs.	...	...	...	...	...	...	...	...	30
	Boards, Verner's, collapsible ...	...	...	...	...	...	...	...	...	31

* Telephones, Ader, Receivers. Detail of set of spare parts:—

Leads, flexible	1
Diaphragms	1
Set of screws and ivory washers for attaching flexible leads ...	1
Washers, brass, pair	1
Mouth-pieces, ebonite	1

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			Fortress, Survey, and Railway† Companies.
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	
1	...	28	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	1	1	...	...	...	...	1	1	...	1	1	...
3	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...
4	1	...	...	5	5	...	2	2	...	6	6	...	6	6	...
5	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	1	1	...	4	4	...
7	...	20	...	9	9	...	...	...	...	...	...	...	...	...	...
8	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
13	144	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
15	...	40	...	3	3	...	...	...	...	2	2	...	...	...	...
16	...	32	...	12	12	...	2	2	...	2	2	...	2	2	...
17	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	1760	1760	...	...	...	...	1760	1760	...	220	220	...
22	...	60	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	1200	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
30	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 19—*continued.*

	Bridging Battalion.				Telegraph				
	Peace.			War.	Peace.				
					1st and 3rd Divisions.				
	12 Months' Supply. Higher Establishment Troop.	12 Months' Supply. Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters Establishment.	4 Sections.	2nd Division.	
Woolwich Section, No. 29—*continued.*									
57 / 24 / 2257 / 7901 / 574 **Compasses,** magnetic (Major Verner's patent)	...	...	...	...	...	...	...	...	1
Cord, sash, ½ in. ... ... yards	...	...	...	...	100	...	...	...	2
Perforators, Wheatstone	...	...	...	...	...	2	...	...	3
Stationery,* unit A...	...	...	...	...	¶...	...	12	...	4
,, B...	...	...	...	...	¶...	...	36	...	5
Balloon and Tube Stores.‡									
Anemometers, Biram's	...	...	...	...	...	...	...	...	6
Bags, message	...	...	...	...	...	...	...	...	7
Bags, sand, with cord and hook (for bagging down) ...	...	...	...	...	...		...	...	8
Balloons, complete,§ 10,000 cubic feet ...	...	...	...	...	...	...	...	...	9
Balloons, complete,§ 8,000 ,, ...	...	...	...	...	...	...	...	...	10
Balloons, complete,§ 4,500 ,, ...	...	...	...	...	...	...	...	...	11
Balloons, pilot, 2 feet	...	...	...	...	...	...	...	...	12
Blocks, snatch	...	...	...	...	...	...	...	...	13
Books, message...	...	...	...	...	...	...	...	...	14
Caps, screw (for gas tube valves) ...	...	...	...	...	...	...	...	...	15
Cloth, ground	...	...	...	...	...	...	...	..	16
Cord, net, 1-lb. ... ... feet	...	...	...	...	...	...	...	...	17
Cotton, line, 200 feet lengths ...	...	...	...	...	...	...	...	...	18
Envelopes, message	...	...	...	...	...	...	...	...	19
Fillers, Y-shaped, zinc	...	...	...	...	...	...	...	...	20
Fillers, double, Y-shaped, zinc ...	...	...	...	...	...	...	...	...	21
Fillers, 7-way zinc	...	...	...	...	...	...	...	...	22
Fillers, 40 tubes, with tubing ...	...	...	...	...	...	...	...	...	23
Fillers, 6 in.	...	...	...	...	...	...	...	...	24
Fillers, 8 ,, ...	...	...	...	...	...	...	...	...	25
Gauntlets, balloon ... ... pairs	...	...	...	...	...	...	...	...	26
Handles, drum	...	...	...	...	...	...	...	...	27
Hose, skin, 6-inch, 10-feet lengths	...	...	...	...	...	...	...	...	28
Hose, skin, 8 ,, 10 ,, ,, ...	...	...	...	...	...	...	...	...	29
Keys, tube	...	...	...	...	...	...	...		30
Keys, cap	...	...	...	...	...	...	...	...	31
Lashings, 1½-inch rope, 20 feet ...	...	...	...	...	...	...	...	...	32
Lines, cotton, 6 feet lengths	...	...	...	...	...	...	...	...	33

* Supplied by Stationery Department.
‡ Held on charge of the Superintendent Balloon Factory.
§ Each balloon complete consists of the following stores, packed in a wicker car :—

1 envelope.	1 hoop.
1 net.	1 car pocket.
1 top valve with line.	2 seats.
1 grapnel folding and 120 feet rope.	1 balloon cloth.

¶ In accordance with the scale shown in Appendix I, Army Manual of Telegraphy (Field Telegraphs).

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Stores—*continued.*

Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1 ...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
...	100	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 ...	24	...	...	...	...	...	...	...	...	...	...	...	...	...
5 ...	72	...	...	...	...	...	...	...	...	...	...	...	...	...
6 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
7 ...	...	...	...	...	...	50	50	...	...	...	...	...	...	...
8 ...	...	...	...	...	...	50	150	...	...	...	...	...	...	...
9 ...	...	...	...	...	...	4	6‖	...	...	...	...	...	...	...
10 ...	...	...	...	...	...	...	4‖	...	...	...	...	...	...	...
11 ...	...	...	...	...	...	...	2‖	...	...	...	...	...	...	...
12 ...	...	...	...	...	...	25	100‖	...	...	...	...	...	...	...
13 ...	...	...	...	...	...	3	3	...	...	...	...	...	...	...
14 ...	...	...	...	...	...	4	4	...	...	...	...	...	...	...
15 ...	...	...	...	...	...	160	160	...	...	...	...	...	...	...
16 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
17 ...	...	...	...	...	...	500	500	...	...	...	...	...	...	...
18 ...	...	...	...	...	...	4	4	...	...	...	...	...	...	...
19 ...	...	...	...	...	...	500	500	...	...	...	...	...	...	...
20 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
21 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
22 ...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
23 ...	...	...	...	...	...	3	3	...	...	...	...	...	...	...
24 ...	...	...	...	...	...	3	3	...	...	...	...	...	...	...
25 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
26 ...	...	...	...	...	...	18	18	...	...	...	...	...	...	...
27 ...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
28 ...	...	...	...	...	...	10	10	...	...	...	...	...	...	...
29 ...	...	...	...	...	...	5	5	...	...	...	...	...	...	...
30 ...	...	...	...	...	...	24	24	...	...	...	...	...	...	...
31 ...	...	...	...	...	...	6	6	...	...	...	...	...	...	...
32 ...	...	...	...	...	...	12	12	...	...	...	...	...	...	...
33 ...	...	...	...	...	...	100	100	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

‖ The difference between peace and war establishment to be held by R.E. in the Balloon Factory reserve for mobilization issues.

1 knife in sheath.
1 strap for sheath.
20 sand bags small for ballast.
1 piece skin hose.
1 piece repairing skin.
1 book message.
20 bags message.
1 cover canvas.

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TABLE 19—*continued.*	Bridging Battalion.				Telegraph				
	Peace.			War	Peace.				
					1st and 3rd Divisions.				
	12 Months' Supply Higher Establishment Troop.	12 Months' Supply. Lower Establishment Troop.	Establishment per Pontoon Troop.	Establishment per Pontoon Troop.	12 Months' Supply, each Division.	Headquarters, Establishment.	4 Sections.	2nd Division.	
BALLOON AND TUBE STORES—*continued.*									
Luting, for top valve ... 1 lb. tins	...	...	...	...	...	...	...	...	1
Maps, with cases	...	...	...	...	...	...	...	...	2
Piping, indiarubber ... ... feet	...	...	...	...	...	...	...	...	3
Poles, hauling down	...	...	...	...	...	...	...	...	4
Rings, indiarubber	...	...	...	...	...	...	...	...	5
Ropes, captive, steel wire	...	...	...	...	...	...	...	...	6
Ropes, Italian hemp, 150 feet lengths...	...	...	...	...	...	...	...	...	7
Ropes, Italian hemp, 1½-inch 500 ,, ,, ...	...	...	...	...	...	...	...	...	8
Scissors, balloon ... ... pairs	...	...	...	...	...	...	...	...	9
Skin, repairing ... ... square feet	...	...	...	...	...	...	...	...	10
Telephones, Siemens Halski... ...	...	...	...	...	...	...	...	...	11
Toggles, boxwood large ... ...spare	...	...	...	...	...	...	...	...	12
Toggles, boxwood small ... ... ,,	...	...	...	...	...	...	...	...	13
Tubes, gas, steel large	...	...	...	...	...	...	...	...	14
Tubes, gas, steel small	...	...	...	...	...	...	...	...	15
Washers, tube, leather	...	...	...	...	...	...	...	...	16

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Stores—*continued.*

	Battalion.		Field Troop.			Balloon Section.			Field Company.			Field Park.			
	War.		Peace.		War.	Peace.		War.	Peace.		War.	Peace.		War.	
	Headquarters, Establishment.	4 Sections.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	12 Months' Supply.	Establishment.	Establishment.	Fortress, Survey, and Railway† Companies.
1	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
2	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...
3	...	...	...	...	...	...	100	100	...	...	...	...	...	...	...
4	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
5	...	...	...	...	...	...	100	100	...	...	...	...	...	...	...
6	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
7	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
8	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
9	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...
10	...	...	...	...	...	...	50	50	...	...	...	...	...	...	...
11	...	...	...	...	...	...	4	4	...	...	...	...	...	...	...
12	...	...	...	...	...	...	20	20	...	...	...	...	...	...	...
13	...	...	...	...	...	...	50	50	...	...	...	...	...	...	...
14	...	...	...	...	...	...	50	600	...	...	...	...	...	...	...
15	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...
16	...	...	...	...	...	...	1300	1300	...	...	...	...	...	...	...

† For technical equipment of a Railway Company, *see* Table 20.

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TABLE 20.

EQUIPMENT OF A RAILWAY COMPANY.

The tools and stores enumerated are considered to be sufficient for the immediate wants of a company on taking the field, and to place the men in a position to make themselves useful at once. A railway company so equipped on taking possession of a section of railway (say a length of 25 miles) partially destroyed, and provided with a certain amount of rolling stock and stores, should be able to put the line into working order in a short space of time, and to work it.

If the line is to be worked for any length of time, it would be necessary to demand, as soon as possible, a fresh supply of all consumable stores, such as oil, Russian tallow, waste, red and white lead, stationery, &c.

In extensive operations, where the railway formation has to be made prior to plate laying, and where large parties of civil labourers and soldiers have to be employed, very large quantities of special plant, tools, stores, &c , in addition would be required, and it would be the care of the Director of Railways to elaborate the demands for these stores, &c., according to the necessity of the case.

The careful arrangement and assortment of stores is of real importance, as the more order is introduced into a storeyard, the better can control be kept over the expenditure of stores.

Moreover, no railway can be efficiently and economically managed without a proper control over its stores.

The stores are tabulated under two heads :—

(*a*) Company stores.
(*b*) Terminal stores.

As regards (*a*) these stores would be actually carried by the company.

With regard to (*b*), these stores would not form part of the ordinary Engineer Field Park, but would be a separate store, which would be established at the railway base of operations, and be under the charge of the Quarter-Master, or Chief Storekeeper, attached to the Staff of the Director of Railways.

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Railway Company Stores.

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES.				
(To be held by R.E. at Chattenden.)				
Woolwich Section, No. 1.				
A—*Accoutrements.*				
Whistles, infantry	...	6	3	9
Woolwich Section, No. 2.				
A—*Camp Equipment.*				
57 / 24 / 2630 — **Axes,** felling, curved helve	...	6	3	9
Axes, hand, 2-lb. (or 2 lb. 2 oz.)	...	6	3	9
Colours, camp	...	6	3	9
C—*Tools, &c., for Intrenching.*				
54 / ngineers / 184 — **Axes,** pick, heads, 5 lb.	...	18	9	27
Axes, pick, helves, 34½ in.	...	18	9	27
Bars, crow, 4 ft. 6 in.	...	6	6	12
Shovels, R.E.	...	50	38	88
D—*Miners' Tools and Stores.*				
Bars, pinching, 3 ft.	...	10	5	15
Ladders, rope, miners', 20 ft....	...	2	1	3
Wedges, sawyers', steel, 8 in....	...	6	3	9
Not in Vocabulary.				
54 / ngineers. / 102 — **Pumps,** 4 in., ships' fire-engine, special pattern	...	6	3	9
Pumps, light, portable, Pulsometer pattern, with boiler and inspirator	...	...	2	2
Pumps, hose, suction, 10 ft. lengths ...	...	...	8	8
Pumps, hose, delivery, 100 ft. ,,	...	...	2	2
Woolwich Section, No. 7.				
Tools, Artificers' and Labourers'.				
Chests, stocks and dies, Whitworth thread, 1⅛ in. to ¼ in., filled	...	3	2	5
Chests, tool.* filled, No.. 2	...	1	1	2
Chests, tool.* filled, No.. 4 A	...	4	3	7
Chests, tool.* filled, No.. 6 C	...	...	1	1
Chests, tool.* filled, No.. 6 D ... pairs	...	4	2	6
Chests, tool.* filled, No.. 11 C	...	4	2	6
Chests, tool.* filled, No.. 12 B	...	1	1	2
Chests, tool.* filled, No.. 13 B	...	...	1	1
Chests, tool, filled, screw cutting,† bolt and nut Mark II‡ A	...	2	1	3
Chests, tool, filled, screw cutting,† bolt and nut Mark II‡ B	...	3	2	5
Chests, tool, filled, screw cutting,† bolt and nut Mark II‡ C	...	3	2	5
Chests, tool, filled, screw cutting,† bolt and nut Mark II‡ D	...	2	1	3
57 / en. No. / 2075 — **Chests,** tool, filled, screw cutting,† iron and steel tube, Mark II‡	...	5	...	5

* For details of contents of chests, *see* pages 99 to 125.
† For details of contents of chests, *see* Appendix V, Part I.
‡ These chests will be issued in lieu of "Chests, stocks and dies, Whitworth thread," as they become unserviceable.

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(*To be held by R.E. at Chattenden.*)				
Woolwich Section, No. 7—*continued.*				
Adzes, carpenters'	...	18	9	27
Anvils, $1\frac{1}{4}$ cwt.	...	2	1	3
Augers, screw, bull-nosed, $1\frac{1}{2}$ in. ...	...	6	3	9
Augers, screw, bull-nosed, 1 ,, ...	...	12	6	18
Augers, screw, common, 1 ,, ...	...	6	3	9
Augers, screw, common, $\frac{7}{8}$,, ...	...	50	50	100
Augers, screw, common, $\frac{5}{8}$,, ...	...	25	25	50
Augers, screw, common, $\frac{1}{2}$,, ..	...	12	6	18
Augers, handles, 18 in.	...	6	3	9
Augers, handles, 16 ,, ...	...	18	9	27
Augers, handles, $13\frac{1}{2}$,, ...	...	50	50	100
Augers, handles, 12 ,, ...	...	37	31	68
Bars, crow, 2 ft. 3 in.	...	6	3	9
Bellows, tinman's	...	2	1	3
Chalk, prepared, white... ... ...boxes	...	1	1	2
Chisels, firmer, $1\frac{1}{2}$ in.	...	6	3	9
Chisels, firmer, 1 ,, ...	...	12	6	18
Chisels, hand cold, 1 ,, × 8 in.	...	6	3	9
Chisels, hand cold, $\frac{3}{4}$,, × 8 ,, ...		6	3	9
§ 10313 L. of C. **Dogs,** railway, and sawyers', straight, Mark II, of sizes	...	100	100	200
Files, bastard, flat, 14 in.	...	...	12	12
Files, bastard, flat, 10 ,, ...	...	...	12	12
Files, bastard, half round, 14 in.	...	...	6	6
Files, bastard, half round, 10 ,, ...	...	...	6	6
Files, bastard, round, 12 ,, ...	...	...	6	6
Files, bastard, round, 8 ,, ...	...	...	6	6
Files, bastard, three square, 7 in. ...	...	...	6	6
Files, bastard, warding, 5 in.	...	...	3	3
Files, bastard, warding, $3\frac{1}{2}$,, cut on one side	...	...	3	3
Grindstones, F. S., 18 in.	...	4	2	6
Hammers, fitters', 32 oz.	...	6	3	9
Levels, spirit block, 12-in.	...	5	3	8
Rules, masons', plumb....	...	6	3	9
Saws, cross-cut, blades, 6 ft. 6 in. ..	...	3	1	4
Saws, cross-cut, handles...	...	6	2	8
Saws, hand, 26 in.	...	2	1	3
Saws, pit, blades, 7 ft.	...	1	1	2
Saws, pit, boxes	...	2	1	3
Saws, pit, tillers	...	2	1	3
Saws, pit, handles	...	2	1	3
Spanners, armament artificers, double-ended, $1\frac{1}{2}$ in. and $1\frac{3}{8}$ in.	...	2	1	3
Spanners, armament artificers, double-ended, $1\frac{1}{4}$ in. ,, $1\frac{1}{8}$ in.	...	2	1	3
Spanners, armament artificers, double-ended, 1 in. ,, $\frac{7}{8}$ in....	...	2	1	3
Spanners, armament artificers, double-ended, $\frac{3}{4}$ in. ,, $\frac{5}{8}$ in....	...	2	1	3
Spanners, armament artificers, double-ended, $\frac{1}{2}$ in. ,, $\frac{3}{8}$ in....	...	2	1	3
Spanners, McMahon's, 15-in.	...	6	3	9
Tongs, gas, shifting ... ... pairs	...	2	1	3
Vices, standing, 60-lb.*	...	3	2	5
Wire, brass, soft, 4 W.G. ... ... lbs.	...	4	2	6
Not in Vocabulary.				
Anvils, bench	...	1	1	2
Spanners, platelayer's, to fit $\frac{3}{4}$-in. bolts, 2ft. 10in. long	...	12	4	16
Spanners, platelayer's, to fit $\frac{3}{4}$-in. bolts, 1ft. long	...	12	4	16

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(*To be held by R.E. at Chattenden.*)				
Woolwich Section, No. 9.				
Metals.				
Brass, sheet, 16 to 20 B.W.G. ... lbs.	...	2	1	3
Copper, sheet, 16 to 20 B.W.G. ... ,,	...	1	½	1½
Iron, wrought, I.C., No. 1, bars, flat, of sizes ... cwt.	...	2⅜	...	2⅜
Iron, wrought, I.C., No. 1, plate, charcoal, 16 to 20 shts.	...	3	2	5
Iron, wrought, I.C., No. 1, bars, round, (of sizes)... cwt.	...	2	...	2
Iron, wrought, I.C., No. 1, bars, round, ⅝-in. ... ... ,,	...	2	...	2
Iron, wrought, I.C., No. 1, bars, round, 1 ,, (for rail-gauges) ft.	...	25	25	50
Solder, plumber's... ... ... lbs.	...	7	3½	10½
Spelter, brass ... ... ,,	...	4	2	6
Spelter, zinc ... ... ,,	...	4	2	6
§6894 **Steel,** cast, octagonal, 1 inch ... ... ,,	...	28	28	56
§6894 **Steel,** shear, flat, 2-in. × 1-in. ... ,,	...	14	14	28
§6894 **Steel,** shear, flat, 2 ,, × 1½-in. ... ,,	...	14	14	28
Tin, sheets, double, XX, 14-in. × 10-in. sheets	...	10	5	15
Not in Vocabulary.				
Spelter, copper ... ... lbs.	...	4	2	6
Woolwich Section, No. 10.				
A—*Ironmongery, &c.*				
Nails, iron, spike, No. 183... ... lbs.	...	56	28	84
Nails, iron, spike, No. 185... ... ,,	...	56	28	84
Nails, steel, clasp, fine, No. 72 ... ,,	...	56	28	84
Screws, iron, flat-head, 3 inch, gauge No. 16 ... doz.	...	12	6	18
Screws, iron, flat-head, 2 ,, ,, ,, 14 ... ,,	...	12	6	18
E—*Platelayers' Tools, &c.*				
Bears, screw, punching...	...	1	1	2
Beaters, heads	...	25	25	50
Beaters, helves...	...	25	25	50
Braces, ratchet, platelayers	...	6	3	9
Braces, ratchet platelayers' 1 inch	...	12	6	18
Braces, ratchet platelayers' ⅞ ,, ...	...	12	6	18
Braces, ratchet platelayers' drills, ¾ ,, ...	...	12	6	18
Car-pusher	...	1	1	2
Clips, lifting	...	8	4	12
Cramps, ratchet-brace	...	6	3	9
Extractors, spike, platelayers...	...	2	1	3
§8121 L. of C. **Hammers,** platelayers', chiselling	...	6	3	9
§8121 L. of C. **Hammers,** platelayers', keying	...	12	13	25
§8121 L. of C. **Hammers,** platelayers', sledge (Mark II)	...	6	3	9
§8121 L. of C. **Hammers,** platelayers', spiking	...	12	13	25

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(*To be held by R.E. at Chattenden.*)				
Woolwich Section, No. 10—*continued.*				
40116 / 7047 **Levers,** platelayers, 14 feet (Mk. I)	...	4	2	6
Rail-benders, with spanners, large ...	...	2	1	3
Rail-benders, with spanners, small ...	...	1	1	2
Rail-lifters, De Bergue's	...	4	2	6
Straight-edges, wood	...	3	2	5
Not in Vocabulary.				
Insertion, indiarubber ... ... square feet	...	6	3	9
Packing, patent, for glands, ½ inch... lbs.	...	14	14	28
Packing, patent, for glands, ⅝ ,, ... ,,	...	14	14	28
Packing, patent, for glands, ¾ ,, ... ,,	...	14	14	28
Woolwich Section, No. 11.				
A—*Oil, Paint, Chemicals, &c.*				
Borax, refined ... ... lbs.	...	7	3½	10½
Glue, best, town-made ... ... ,,	...	2	1	3
Oil, machinery ... ... galls.	...	20	50	70
Oil, rape ... ... ,,	...	7	3½	10½
Paint, lead, red, dry ... ... cwt.	...	½	½	1
Paint, lead, white, dry... ... ... ,,	...	2	2	4
Sal-ammoniac, crystals ... ... lbs.	...	...	80	80
Sal-ammoniac, in lumps ... ... ,,	...	7	3½	10½
Tallow, Russian ... ... cwts.	...	1½	1½	3
Turpentine, spirits of ... ... galls.	...	2	1	3
Woolwich Section, No. 14.				
Garrison and Siege Mountings, &c.				
Handspikes, common, 6 ft.	...	4	2	6
Woolwich Section, No. 18.				
A—*Blocks, Canvas, Cordage, &c.*				
Blocks, wood, Bothway's, 10 inch, double ...	...	4	2	6
Blocks, wood, snatch, 10 inch	...	4	2	6
7901 / 316 **Cordage,** hemp, hawser, 3 inch ... fms.	...	226	113	339
Cordage, hemp, hawser, 1½ ,, ... ,,	...	339	170	509
Cordage, hemp, hawser, 1 ,, ... ,,	...	226	113	339
Cordage, tarred, spunyarn, hemp, 3-thread cwts.	...	1	½	1½
Lines, Hambro'	...	6	3	9

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(*To be held by R.E. at Chattenden.*)				
Woolwich Section, No. 20.				
Empty Cartridges, &c.				
Boxes, gun-cotton, dry primers, 2 oz., R.E. equipment	...	...	2	2
Boxes, gun-cotton, dry primers, 1 oz., R.E. equipment	...	...	3	3
Boxes, gun-cotton, wet, 15 lb.	...	...	14	14
Cylinders, guncotton primers, C	...	...	15	15
Cylinders, guncotton primers, F	...	...	48	48
Woolwich Section, No. 21.				
Filled Cartridges, &c..				
Gun-cotton, dry, primers, F ... lbs.	...	...	$9\frac{3}{8}$	$9\frac{3}{8}$
Gun-cotton, dry, primers, H ... ,,	...	...	15	15
Gun-cotton, wet, slabs, P (or S) ... ,,	...	...	53	53
Gun-cotton, wet, slabs, Q (or T) ... ,,	...	...	54	54
Woolwich Section, No. 22.				
Fuzes, Rockets, Tubes, &c.				
Boxes, instantaneous fuze	...	...	2	2
Cylinders, fog-signals	...	12	6	18
Detonators, electric, No. 13	...	...	50	50
Detonators, No. 8	...	...	192	192
Fuze, instantaneous, Mark III... ... yards	...	...	100	100
Signals, fog	...	144	72	216
Straps, cylinder, fog-signal	...	6	3	9
Woolwich Section, No. 25.				
Barrack and Hospital Stores (Part I).				
Cans, oil, feeding, 1-pint	...	6	3	9
Woolwich Section, No. 27.				
B—*Textile Stores.*				
Bunting, green ... ... yds.	...	24	12	36
Bunting, red ... ... ,,	...	24	12	36
Bunting, white ... ... ,,	...	24	12	36
Cotton, waste, white ... ... lbs.	...	56	56	112
D—*Packsaddlery.*				
Packsaddlery, general service, sacks, coal, packsaddle	...	2	1	

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(To be held by R.E. at Chattenden.)				
Woolwich Section, No. 28.				
A—*Submarine Mining Stores.*				
Bags, guncotton, 25-lb.	...	...	3	3
Bags, guncotton, clamps	...	...	3	3
Exploders, dynamo-electric, quantity ...	...	...	1	1
Tools, electricians, large ... ... sets	...	4	1	5
B—*Electric Light Stores.*				
Wires, covered, C 5 ... ... yds.	...	...	500	500
Wires, covered, C 12 ... ... ,,	...	10	20	30
C—*Stores for Land Cables.*				
Tape, indiarubber (1 oz. tins)	...	4	4	8
§10587 L. of C. **Tools,** jointers, telegraph ... ... sets	...	...	1	1
Tubes, indiarubber solution, 3 oz. (Mark I) tubes.	...	11	11	22
D—*Vehicles and other R.E. Stores, &c.*				
§9458 L. of C. **Bottles,** naphtha, 1 gallon (Mark I)	...	1	1	2
Casks, water, 5-gallon, R.E.	...	3	1	4
Forges, field, R.E., railway company ...	...	4	2	6
Not in Vocabulary.				
54 Engineers 102 **Lamps,** Defries' patent, railway guards' ...	...	18	9	27
Woolwich Section, No. 29.				
A—*Telegraph and Survey Apparatus, &c.*				
Barometers, aneroid ("Hutchinson"; scale, 20-ft. vertical intervals)	...	1	1	2
Batteries, Le Clanché, 6-block, cell filled, sealed, ...	...	...	100	100
parts: bands	...	...	10	10
parts: cells, ebonite ...	...	...	5	5
parts: plates, zinc	...	...	5	5
parts: rods, agglomerate	...	...	30	30
parts: rods, carbon ...	...	...	5	5
parts: wrappers	...	...	5	5

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Railway Company Stores—*continued.*

TABLE 20—*continued.*	Peace Equipment.	War Equipment. General Service.	Terminal Service.	Total.
TECHNICAL STORES—*continued.*				
(*To be held by R.E. at Chattenden.*)				
Woolwich Section, No. 29—*continued.*				
Boards, drawing, imperial	...	2	1	3
Bottles, ink, surveying	...	2	1	3
Cases, clinometer and compass	...	1	1	2
Cases, galvanometer, detector, Q and I ...	...	2	1	3
Cases, sketching, R.M.A.	...	2	1	3
Chains, measuring, 100-feet ... ... sets	...	2	1	3
Clinometers, mirror	...	1	1	2
Compasses, magnetic, plane table ...	...	1	1	2
Compasses, prismatic	...	1	1	2
Curves, drawing, railway ... ... sets	...	1	1	2
Cyclostyles*	...	1	1	2
Galvanometers, detector, Q and I	..	2	1	3
Instruments, drawing, R.E. ... ... sets	..	1	1	2
Pins, drawing	...	36	18	54
Protractors, brass, semi-circular, 6½-in. ...	...	1	1	2
Protractors, cardboard, 12-in.	...	6	3	9
Rods, boning, common ... ... sets	...	1	1	2
Rods, measuring, common, 5-ft.	...	6	3	9
Rulers, 1-ft. 6-in., flat, ebony	...	2	1	3
Rulers, 1-ft. 6-in., parallel, rolling ...	...	1	1	2
Rulers, plane, table, small	...	1	1	2
Scales, mathematical, boxwood, No. 3 sets	...	2	1	3
Scales, mathematical, boxwood, No. 1 ,,	...	2	1	3
Set-squares, 9-in.	...	2	1	3
Set-squares, 6 ,, ...	...	2	1	3
10364 . of C. **T-squares,** mahogany, 30-in.	...	1	1	2
Staves, levelling, 14 ft.	...	2	1	3
Straight-edges, 36-in.	...	1	1	2
Syringes, battery cell	...	2	2	4
Tables, plane, small	...	1	1	2
Tapes, measuring, 100-ft.	...	5	3	8
Tapes, measuring, 50 ,, ...	...	4	2	6
Telephones, Ader, receivers	...	...	10	10
Telephones, Ader, transmitters	...	...	10	10
Theodolites, 5-in. transit	...	1	1	2
Watches	...	24	3	27
Not in Vocabulary.				
7901 / 375 **Clinometers,** De Lisle (for ranging grades)	...	1	...	1
Clinometers, Wahab (for plane table) ...	...	1	...	1

* Or "Apparatus, copying," when stock of above is exhausted.

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Railway Company Stores—*continued.*

TABLE 20—*continued.*

		Peace Equipment.	War Equipment. General Service.	War Equipment. Terminal Service.	War Equipment. Total.
	TECHNICAL STORES—*continued.*				
	To be held by R.E. at Chattenden.)				
	Not in Vocabulary—continued.				
	Instruments, block, telegraph, discs, semaphore Tyer's, No. 3 up-sets	...	...	3	3
	Instruments, block, telegraph, discs, semaphore Tyer's, No. 3 down-sets	...	...	3	3
	Instruments, block, telegraph, tablets, Tyer's, No. 5	...	...	5	5
	Instruments, block, telegraph, tablets, bells, or gongs, with relay	...	...	5	5
	Instruments, block, telegraph, tablets, discs (or tablets) ...	...	...	60	60
54 Engineers	**Instruments,** block, telegraph, tablets, pouches, leather ...	...	...	15	15
102	**Jacks,** lifting, Haley's, with iron case, 8 tons	...	6	2	8
	Jacks, traversing, with lifting feet, to lift ... 12 tons	...	4	1	5
	Jacks, traversing, with lifting feet, to lift ... 6 ,, ...	...	4	1	5
	Lamps, locomotive—head or tail lights, each with 2 spare glasses	...	...	6	6
	Levels, telescopic (Cook's), 10-in., Y, with stand, in case, with sling, clamp, and tangent screw...	...	1	1	2
	Pins, split, steel, $3\frac{3}{4}$-in. × $\frac{3}{8}$-in. ... doz.	...	1	1	2
	Pins, split, steel, $3\frac{1}{4}$,, × $\frac{11}{32}$-in. ... ,,	...	1	1	2
	Pins, split, steel, 3 ,, × $\frac{5}{16}$-in. ... ,,	...	1	1	2
	Pins, split, steel, $4\frac{1}{2}$-in., No. 1 W. G. ,,	...	1	1	2
	Pins, split, steel, $4\frac{1}{2}$-in., No. 2 ,, ,,	...	1	1	2
	Pins, split, steel, 3 ,, ,, 3 ,, ,,	...	1	1	2
	Pins, split, steel, 6 ,, ,, 4 ,, ,,	...	1	1	2
	Pins, split, steel, $2\frac{1}{4}$,, ,, 5 ,, ,,	...	1	1	2
	Pins, split, steel, $2\frac{1}{2}$,, ,, 6 ,, ,,	...	1	1	2
	Pins, split, steel, $2\frac{1}{8}$,, ,, 7 ,, ,,	...	1	1	2
	Pins, split, steel, 2 ,, ,, 8 ,, ,,	...	1	1	2
	Pins, split, steel, $1\frac{1}{2}$,, ,, 9 ,, ,,	...	1	1	2
	Pins, split, steel, $2\frac{5}{8}$,, ,, 10 ,, ,,	...	1	1	2
	Pins, split, steel, $1\frac{1}{2}$,, ,, 12 ,, ,,	...	1	1	2
	Tripod-boiler-prover, with pressure-gauge, in case, complete	...	1	1	2
	STATIONERY OFFICE SUPPLY.				
	Paper, section, $\frac{1}{8}$ inch squares, mounted on linen, 33 ft. × 2 ft. 6 in. ... ... rolls	...	1	...	1
7901	**Case,** tin, for ditto	...	1	...	1
375	**Paper,** drawing, Imperial, ruled, $\frac{1}{8}$-inch squares, mounted on linen sheets	...	12	...	12
	Paper, tracing ... ... roll	...	1	...	1

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Survey Section.

Surveying Instruments and Stores to be provided by the Director-General, Ordnanc Survey, who will select the latest patterns obtainable.

TABLE 21.	No.
Auto copyists, foolscap size, with spare tissue and ink for do.	1
Bags, canvas	6
Bottles, ink fountain	8
Boxes, stationery	1
Cases, carrying, Instruments	2
Cases, sketching and Straps 17-ins. × 15-ins. ...	4
Chains, surveying 100 feet	2
Covers, instrument, waterproof	2
Curves, French ... ... sets	1
Erasers	1
Flags, station	24
Hones, oil (one small)	2
Instruments, Aneroids, 2½ - inch, graduated to 10,000 feet	1
Aneroids, pocket, graduated to 8,000 feet	3
Compasses, beam, 3½ feet	1
Compasses, bowsweep	6
Compasses, illuminated for night work ...	4
Compasses, prismatic, with cases and straps	4
Compasses, proportional	1
Drawing, common, cases of, to contain compasses, steel pens, and ivory scales	2
Heliostats, with cases and straps	2
Horizons, artificial, with spare bottle of mercury	1
Hypsometers, complete	2
Levels, Abney's	4
Perambulators...	2
Protractors, brass	1
Protractors, card, circular	2
Protractors, ivory 6 inch	12
Rulers, parallel, 15-inch	2
Scales, ivory, 1 inch to 1 mile	6
Scales, ,, 3 ,, 1 ,, ...	4
Scales, ,, 4 ,, 1 ,, ...	2
Scales, ,, 1 ,, 10 ,, ...	2
Scales, ,, 1 ,, 4 ,, ...	2
Scales, ,, 1 ,, 3 ,, ...	2
Scales, paper ... ... sets	1
Scales, marquoi	1
Sextants, 6 inch	1
Instruments, drawing, box	1
Tables, plane	4
Tapes, measuring 100 feet, ...	12
Tapes, measuring 100 feet, steel and box ...	1
Tapes, Boxes, for 100 feet tapes	6
Telescopes, pocket, with cases and straps	3
Theodolites, transit, 6-inch	2
Thermometers, maximum and minimum ...	2
Thermometers, ordinary	2
Trocheameters...	2
Watches, keyless, ½-chronometer	3
Knives, pen	12
Lanterns, oil, observers	2
Needles, sailmakers	12

54 Engineers 9667

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Survey Section.—*continued.*

TABLE 21—*continued.*	No.
Palms, sailmakers	1
Spirits, methylated ... ... gals.	2
Straight edges, steel, 3 ft.	1
Straps, carrying, instruments	2
Strops, office	1
Tools, axes, hand	2
Tools, awls, brad	6
Tools, billhooks, long-handled	1
Tools, billhooks, short handled	1
Tools, hammers, piling	1
Tools, roll of, to contain cold chisel, firmer chisel, 6 files, 3 gimlets, claw hammer, pair of pincers, handsaw, &c.	1
Tools, spades	2
Weights, drawing	6

Stationery to be provided by the Director-General, Ordnance Survey.

Boards,	artists, mahogany framed, for drawing	1
Boards,	trestles for do.	2
Books,	almanacks, nautical	2
Books,	almanacks, do. for following year ...	2
Books,	almanacks, Whitaker's	1
Books,	angle	7
Books,	astronomical forms .. .. sets	7
Books,	baro. hypsometric tables	1
Books,	cards of formula, Shadwell's	1
Books,	hints to travellers	2
Books,	instructions	7
Books,	logarithm tables, Chambers'	2
Books,	memorandum	3
Books,	navigation, Raper's	1
Books,	observation	6
Books,	road	30
Books,	surveying, Fromes'	1
Books,	text, Richards'...	1
Chalks, coloured,	blue ... ...boxes	1
Chalks, coloured,	green ... ... ,,	1
Chalks, coloured,	red ... ... ,,	1
Chalks, coloured,	yellow ... ... ,,	1
Colours,	boxes of, small to contain 6 colours each, complete	2
Colours,	burnt sienna... ... ...cakes	2
Colours,	cobalt...	2
Colours,	crimson lake ... ...cakes	2
Colours,	emerald green ... ... ,,	2
Colours,	gamboge ... ... ,,	2
Colours,	India ink, 3 in. sticks	12
Colours,	Prussian blue ,, ...	2
Envelopes,	No. 1, white	50
Envelopes,	medium, No. 2, white	100
Envelopes,	small, No. 5	25
Gall, ox ... ... pots		1
Gum, arabic ... ... lbs.		½
Indiarubber ... ... pieces		12
Ink powders, black		3
Ink powders, red		1
Line, log ... ... hanks		2
Maps, celestial ... ... sets		1

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Survey Section—*continued.*

TABLE 21—*continued.*		No.
Paper,	bank post ... ... quires	3
	blotting ... ... ,,	2
	drawing, D.E., hand-made, 170 lbs. ... ... ,,	1½
	foolscap, blue crossbar ... ,,	10
	foolscap, plain ... ... ,,	2
	note, white ... ... ,,	3
	tracing, D.E. ... ... ,,	1½
	tracing, linen ... ... yds.	12
Pencils,	H.B.	24
	H.H.	24
	H.H.H.H.	24
	hair, camel	4
	hair, sable, 2 of each size	12
Pens, steel,	Holders	12
	mapping, No. 659 ... ...cards	6
	Mitchell's, J. ... ... boxes	2
	Ordnance ... ... ,,	2
Pins, artists... ... ... doz.		12
Saucers, ink ... ... sets		2
Skins, chamois		2
Twine, medium ... ... balls		3
	thick ... ... ,,	4
	thin ... ... ,,	2

Instruments, Instructional Class.† (Peace only.)

TABLE 22.	Field Company.	Fortress, Survey, Railway, Submarine Mining and Depôt Companies.*
Woolwich Section, No. 25.		
Barrack and Hospital Stores (Part I).		
Chests, schoolmasters	...	1
Woolwich Section, No. 29.		
A—*Telegraph and Survey Apparatus.*		
Compasses, drawing, shifting leg, pen and pencil legs, in case ... sets	12	12
Instruments, drawing, regimental schools ... ... sets	1	...
Pens, ruling, brass handle	12	12
Rulers flat, ebony, 2 ft.	12	12
Rulers parallel, rolling, 1 ft. 3 in. ...	12	12
Scales, mathematical, 18 in. ...	12	12
Scales, common, 6 ,, ...	12	12
Set squares, 9 inch	12	12

40116
6092

* Including Coast Battalion and Local Companies.
† Issued only when additional instruments are required for instructing a class, and in such numbers as may be necessary.

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TABLE 23. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy notes, Transport.
231	Regimental equipment ...	Account ledger. For Pontoon Troop, Telegraph Battalion, Field Troop, Balloon Section, Field Company, Field Park, and Training Depôt.
242	Regimental equipment ...	Account ledger. For Fortress, Railway, Survey, Submarine Mining, and Depôt Companies.
185	Arms and accoutrements	Register.
Forms.		
G 829*	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
G 1037*	Materials for repair of harness, and saddlery...	Requisition.
G 968	Camp equipment	Requisition.
G 973		Account.
G 979*	Materials for repairing carriages	Requisition.
G 997	General equipment (*blank*) ...	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 1027	General equipment materials for repair (*blank*)	Requisition.
G 815	Ammunition, small-arm ...	
G 804	Ammunition, blank, for reviews	
G 980	Stores	Carriers' note.

N.B. * Not required for Fortress, Railway, Survey, Submarine Mining, or Depôt Companies.

Lithographic Wagon Stores.

TABLE 24.

Description of Stores.	War Equipment.
LITHOGRAPHIC WAGON STORES.	
Woolwich Section, No. 2.	
A—*Camp Equipment.*	
Buckets, water, G.S. leather	1
Woolwich Section, No. 3.	
Field Hospital Equipment.	
Flannel, white ... ... yds.	2

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Lithographic Wagon Stores—*continued.*

TABLE 24—*continued.*

Description of Stores.	War Equipment.
Woolwich Section, No. 7.	
Tools, Artificers' and Labourers'.	
Brushes, sable writing, crow, small	2
Cans, oil, lubricating, G.S.	1
Drivers, screw, G.S., 9-in.	1
Knives, palette, 12-in.	1
Knives, palette, 9 ,, ...	1
Paper, glass, coarse ... ... sheets	12
Planes, smoothing, G.S.	1
Woolwich Section, No. 11	
A—Oil, Paint, and Chemicals.	
Acid hydrochloric or muriatic, pure bottles	1
Acid nitric ... ... ,,	1
Acid phosphoric, syrupy ... ... ,,	1
Acid sulphuric, pure ... ... ,,	1
Gum, Arabic ... ... lbs.	5
Lead, black, dry ... ... ,,	1
Methylated Spirits ... ... gallons	6
Oil, colza* ... ... ,,	2
Oil, neatsfoot... ... ... quarts	1
Potash bichromate ... ... lbs.	4
Potash caustic ... ... ,,	2
Tallow, Russian ... ... ,,	8
Turpentine, spirits of ... ... gallons	5
Wick,* flat ⅝-in. ... ... yds.	1
Wick,* flat 1½ ,, (for oil lamp) ... ,,	10
Wick,* round, 1½ ,, ... ,,	2
B—Packages, Oil, and Paint.	
Bottles, tin, oil, 2-gallon	2
Bottles, tin, oil, 2-quart	2
Bottles, tin, oil, 1 ,, ...	1
Woolwich Section, No. 15.	
Mountain Carriages, &c.	
Boxes, grease, 7-lb.	1
Woolwich Section, No. 18.	
A—Blocks, Canvas, Cordage, &c.	
Cloths, sponge...	6
Lamps hand, forecastle	1
Lamps marine, hurricane	1

* Not an Army Ordnance supply. Supplied by A.S.C.

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Lithographic Wagon Stores—*continued.*

TABLE 25—*continued.*

Description of Stores.	War Equipment.	Remarks.
Woolwich Section, No. 25.		
Barrack and Hospital Stores (Part 1).		
Cans, oil, feeding, 1 pint	1	
Scissors, lamp... ... ... pairs	1	
Woolwich Section, No. 27.		
B—*Textile Stores.*		
Cotton, waste, white ... ... lbs.	12	
Cotton, wool ... ... ,,	6	
Muslin, white ... ... yds.	1	
Woolwich Section, No. 29.		
A—*Telegraphic and Survey Apparatus, &c.*		
Apparatus, copying, paper, blotting quires	10	
Instruments, drawing, Royal Engineers sets	1	
Rulers, parallel, rolling, 1 ft. 3 in.	1	
C—*Printing and Lithographic Stores.*		
Basins, evaporating	2	
Blocks, press, lithographic...	1	
Boards, glaze, 12 in. × 20 in.	12	
Boxes, drying, lithographic	1	
Canvas, screen ... ...yards	20	
Erasers, with sheath	2	Stationery Office supply.
Galls, Aleppo, whole ... ... lbs.	3	
Ink, lithographic, printing, black ... ,,	3	
Ink, lithographic, re-transfer ... ... ,,	1	
Ink, lithographic, transfer ... ... oz.	4	
Ink, lithographic, writing, fluid ... bottles	12	
Kettles, copper, 3-pint	1	
Knives, paper, printers'	1	
Lamps, spirit, blow	2	
Mullers, zinc, 3½-in. diameter	2	
Paper, papyrotype, royal folio ... sheets	150	
Paper, transfer, tracing, royal folio quires	5	
Paper, transfer, writing, royal folio ,,	5	
Plates, lithographic, zinc	26	
Presses, lithographic, bed, 20 in. × 14 in. × 2 in	1	
Rollers, lithographic, 12-in.	2	
Rollers, lithographic, 12-in. handles	4	
Sand, graining... ... ... bushels	1	
Saucers, ink, 3 in. diameter	6	
Scrapers, boxwood	6	
Sieves, 120 holes	2	
Sponges, printers	6	
Stones, snake ... ... lbs.	5	
Tympans, leather, 26 in. × 12 in.	4	
Varnish, litho, middle ... ... quarts	1	
Not in Vocabulary.		
Paper, double foolscap, blue... ... ... reams	5	Supplied by Stationery Office.
Paper, double foolscap, white ... ... ,,	3	
Penholders	6	
Pens, magnum bonum ... ...boxes	1	
Pens, mapping ... ... doz.	4	
Pens, nibs ... ...boxes	1	

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Printing Wagon Stores.

TABLE 26.

	Description of Stores.	War Equipment.	Remarks.
	PRINTING WAGON STORES.		
	Woolwich Section No. 7.		
	Tools, Artificers' and Labourers'.		
	Cans, oil, lubricating, G.S.	1	
	Knives, palette, 9-in....	1	
	Levels, spirit, rule	1	
	Needles, collar, packing, No. 6	12	
	Pins, mixed ... ... oz.	3	
	Saws, dovetail, brass back	1	
	Woolwich Section, No. 11.		
	A—*Oil, Paint, and Chemicals.*		
54 Engineers	**Oil,** olive, best quality, lubricating quarts	1	
	Oil, rangoon ... ... gallon	1	
	Potash, American, black ... ... lbs.	4	
19	**Turpentine,** spirits of ... ... quarts	1	
	B—*Packages, Oil and Paint.*		
.. 19	**Bottles,** tin, oil 1 gallon	2	
	Bottles, tin, oil 1 quart	2	
	Woolwich Section, No. 18.		
	A—*Blocks, Canvas, Cordage, &c.*		
	Cloths, sponge... ... ... doz.	1	
	Woolwich Section, No, 20.		
	Empty Cannon Cartridges, &c.		
.. 19	**Candles,** magazine ... ... lbs.	22	A.S.C. supply.
	Woolwich Section, No. 25.		
	Barrack and Hospital Stores (Part 1).		
	Brushes, scrubbing, hand	1	
	Woolwich Section, No. 26.		
	Barrack and Hospital Stores (Part 2).		
	Pails, iron, galvanised, 4 gallon	1	
	Woolwich Section, No. 29.		
	C—*Printing and Lithographic Stores*		
	Aprons, printers'	3	
	Bearers, type high ... ... yards	1	
	Blankets, press, post folio	4	
	Blocks, saw	1	
	Boards, wetting, 19 in. × 16 in. ... ... pairs	1	
	Bodkins, printers'	6	
	Brushes, lye, medium	1	
	Brushes, pick, small	1	
	Cases, brass rule, printing wagon	1	
	Cases, roller, 16-inch	1	
	Cases, type, printing wagon double	7	
	Cases, type, printing wagon small	4	
	Chases, job, foolscap folio	6	
57	**Chases,** job, foolscap quarto	6	
24	**Chimney** for candle, printing wagon	8	
	Composition, roller, special ... ... lbs.	12	
2414	**Cord,** page ... ... ball	1	
	Frames, roller, jobbing, 12-in.	1	
	Furniture, wood, broad	12	
	Furniture, wood, double broad	12	
	Furniture, wood, double narrow	12	
	Furniture, wood, narrow	12	
	(EQ. R.)		

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Printing Wagon Stores—*continued.*

TABLE 26—*continued.*

	Description of Stores.	War Equipment.	Remarks.
	Woolwich Section, No. 29—*continued.*		
Forms. G 1098-27 5	**Galleys,** column, 28 in., single	4	
	Galleys, jobbing, metal, demy folio	3	
	Galleys, jobbing, metal, royal 4to	2	
	Girthing, 1 in. ... ... yards	6	
	Hammers, sheepsfoot	1	
	Ink, letterpress printing, black ... ... lbs.	5	
	Irons, imposing surface, 18 inch × 12 inch ...	1	
	King's Arms, 20 × 8 ems	2	
	King's Arms, 12 × 8 ,, ...	2	
	Knives, paper, printers'	1	
54 Engineers 19	**Leads,** 4 to pica, 36-em ... ... lbs.	16	
	Leads, 4 to pica, 33, 30, and 18-em (of each) ,,		
	Leads, 8 to pica, 36-em ... ... ,,	2	
	Mallets, printers'	1	
	Moulds, roller, 14 inch × 3 inch	1	
	Parchment, tympan, 24 inch × 18 inch... ...	4	
	Planers, jobbing	1	
	Pots, glue, 2-quart	1	
	Presses, printing, Albion, post folio	1	
	Quads, brevier ... ... lbs.	7	
	Quads, great primer ... ... ,,	5	
	Quads, long primer ... ... ,,	40	
	Quads, pica ... ... ,,	3	
	Quoins, jobbing, wood	250	
	Quotations, 2 × 4 pica-ems ... ... lbs.	7	
	Quotations, 3 × 4 ,, ... ,,	7	
	Quotations, 4 × 4 ,, ... ,,	7	
Forms G 1098-27 5	**Reglets,** nonpareil... ... ... dozs.	2	
	Reglets, pica ... ... ,,	1	
	Rollers, jobbing, 12 inch × 3 inch, special ..	2	
	Rules, brass, setting, 36-em	2	
	Rules, brass, setting, 33 ,, ...	2	
	Rules, brass, setting, 30 ,, ...	2	
	Rules, brass, setting, 18 ,, ...	2	
	Rules, brass, spring, plain, 24 in., 8 to pica	24	
	Shears, printers', 10-in. ... ... pairs	1	
	Sponges, printers'	12	
	Sticks, composing, 10-in.	2	
	Sticks, composing, 8 ,, ...	1	
	Sticks, shooting, gunmetal	1	
	Sticks, side wood, 10-in.	8	
	Sticks, side wood, 8 ,, ...	8	
	Sticks, side wood, 6 ,, ...	8	
	Sticks, side wood, 3-ft. lengths	12	
	Tables, inking, 15 inch × 13 inch (with stand) ...	1	
	Trough, lye, middling	1	
	Type, No., 13 ... ... lbs.	2	
	Type, No., 20 ... ... ,,	5½	
	Type, No., 24 ... ... ,,	5½	
	Type, No., 25 ... ... ,,	14	
	Type, No., 36 ... ... ,,	1½	
	Type, No., 52 ... ... ,,	15	
	Type, No., 53 ... ... ,,	5½	
	Type, No., 55 ... ... ,,	220	
	Type, No., 56 ... ... ,,	27	
	Type, No., 74 ... ... ,,	2	
	Not in Vocabulary.		
	Cards, field states	500	Supplied by Stationery Office.
	Gum, arabic ... ... bottles	1	Supplied by Stationery Office.
	Paper, double foolscap, blue ... reams	2	Supplied by Stationery Office.
	Paper, double foolscap, white ... ... ,,	6	Supplied by Stationery Office.

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SETS OF TOOLS.

(*Referred to in Tables* 14–20.)

CHEST, TOOL, FILLED, No. 2.

(Bricklayers' and Masons', R.E.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 2	1
Bars, setting	1
Bevels, wood blade, 12-in.	1
Hammers, masons', chisel point, 5-lb.	2
Hammers, masons', mash	1
Levels, spirit, rule	1
Lines, bricklayers'	1
Pins, line ... ... pairs	1
Rules, collarmakers', 4-fold	1
Rules, masons', plumb, Bobs	1
Trowels, bricklayers', 12-in.	2
Woolwich Section, No. 25.	
Brushes, whitewash, 9-oz.	1

CHEST, TOOL, FILLED, No. 3A.

(Carpenters', G.S.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 3	1
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Augers, shell, 1½-inch	1
Augers, shell, 1¼ ,, ...	1
Augers, shell, 1⅛ ,, ...	1
Augers, shell, 1 ,, ...	1
Augers, shell, ⅞ ,, ...	1
Augers, shell, ¾ ,, ...	1
Augers, shell, ⅝ ,, ...	1
Augers, shell, ½ ,, ...	1
Augers, handles, 18-inch	1
Augers, handles, 16 ,, ...	1
Augers, handles, 13½ ,, ...	1
Augers, handles, 12 ,, ...	1
Awls, blades, brad	24
Awls, handles, brad, large	3
Awls, handles, brad, small	3
Axes, carpenters', 6½-lb.	1
Bags, tool, carpenters'	1

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Chest, Tool, Filled, No. 3A (Carpenters', G.S.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Bars, crow, 2 ft. 3 in.	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits*	1
Chisels, firmer, 1½-inch	1
firmer, 1 ,,	1
firmer, ¾ ,,	1
firmer, ½ ,,	1
hand, cold, 1 inch × 8 inches	1
hand, cold, ¾ ,, × 8 ,,	1
mortice, ½-inch	1
mortice, ⅜ ,,	1
mortice, ¼ ,,	1
socket, 1½ ,,	1
socket, 1 ,,	1
socket, ¾ ,,	1
socket, ⅝ ,,	1
socket, ½ ,,	1
Compasses, common, 7-inch pairs	1
Compasses, wing, 10 ,,	1
Drivers, screw, G. S. 14-inch	1
Drivers, screw, G. S. 6 ,,	1
Files, bastard, half-round, 14-inch	2
Files, bastard, round 14 ,,	1
Files, saw, three-square, hand 5½ ,,	18
Files, saw, three-square, tenon 4 ,,	6
Gauges, carpenters', marking	1
Gauges, carpenters', mortice	1
Gimlets, common, No. 1	2
Gimlets, common, ,, 2	2
Gimlets, common, ,, 3	1
Gimlets, common, ,, 4	1
Gimlets, common, ,, 5	1
Gimlets, common, ,, 6	1
Gimlets, spike, ¾-inch	2
Gimlets, spike, ¼ ,,	2
Gouges, firmer, ⅝-inch	1
Gouges, firmer, ½ ,,	1
Gouges, firmer, ⅜ ,,	1
Gouges, pecking, 1-inch	1

* Detail of bits:—

Braces, carpenters', bits,	centre, 1⅛, 1, ⅞, ¾, ⅝, ½, and ⅜-inch	7
	countersink, flat	1
	countersink, rose	1
	dowling sash	1
	gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, ¼, $\frac{3}{16}$, and ⅛-inch	6
	nose, ⅜, $\frac{5}{16}$, ¼, $\frac{3}{16}$, and ⅛-inch	5
	rimer, square	1
	screwdriver	1
	taper	1

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Chest, Tool, Filled, No. 3A (Carpenters', G.S.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Hammers, riveting, 24-oz.	1
Hammers, smiths', sledge, 10-lb.	1
Hammers, wheelers', shoeing	1
Handles, file, large	2
Handles, file, middling	2
Handles, file, small	2
Lines, carpenters'	1
Mallets, carpenters'	1
Pencils, carpenters'	12
Pincers, carpenters' pairs	1
Pins, draw-bore, 16-inch	1
Pins, draw-bore, 12 ,,	2
Planes, bead	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G. S.	1
Planes, trying	1
Pots, glue, 1-quart	1
Punches, carpenters', large	1
Punches, carpenters', small	1
Rasps, coarse, half-round, 12-inch	1
Reels, carpenters' line	1
Rules, carpenters', common	1
Saws, compass	1
Saws, hand, 26-inch	1
Saws, tenon, 19-inch	1
Sets, saw, hand	1
Sets, saw, pit	1
Shaves, spoke, 4-inch	2
Shaves, spoke, $3\frac{1}{4}$,,	2
Spanners, McMahon, 15-inch	1
Squares, carpenters', 9-inch	1
Squares, smiths', iron	1
Stones, oil, carpenters'	1
Woolwich Section, No. 11.	
Chalk, white (for line, carpenters) lbs.	$\frac{1}{4}$
Woolwich Section, No. 25.	
Brushes, paint, sash tool, No. 6	1
Woolwich Section, No. 26.	
Stones, rag	1

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CHEST, TOOL, FILLED, No. 3c.

(Wheelers' and Saddletreemakers', General Service, except for Royal Engineers and Field Artillery.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 3	1
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Augers, shell, 1½-inch	1
Augers, shell, 1¼ ,,	1
Augers, shell, 1⅛ ,,	1
Augers, shell, 1 ,,	1
Augers, shell, ⅞ ,,	1
Augers, shell, ¾ ,,	1
Augers, shell, ⅝ ,,	1
Augers, shell, ½ ,,	1
Augers, handles, 18-inch	1
Augers, handles, 16 ,,	1
Augers, handles, 13½ ,,	1
Augers, handles, 12 ,,	1
Awls, blades, brad	24
Awls, handles, brad, large	3
Awls, handles, brad, small	3
Axes, wheelers', 7-lbs.	1
Bags, tool, carpenters'	1
Bars, crow, 2 feet 3 inches	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits*	1
Buzzes, ¾-inch	1
Buzzes, ⅝ ,,	1
Chisels, boxing, large	1
Chisels, boxing, small	1
Chisels, firmer, ⅜-inch	1
Chisels, firmer, ¼ ,,	1
Chisels, firmer, ⅛ ,,	1
Chisels, firmer, coachmakers', 1¾-inch	1
Chisels, firmer, coachmakers', 1⅝ ,,	1
Chisels, firmer, coachmakers', 1½ ,,	1
Chisels, firmer, coachmakers', 1⅜ ,,	1
Chisels, firmer, coachmakers', 1¼ ,,	1
Chisels, firmer, coachmakers', 1⅛ ,,	1
Chisels, firmer, coachmakers', 1 ,,	1
Chisels, firmer, coachmakers', ⅞ ,,	1
Chisels, firmer, coachmakers', ¾ ,,	1
Chisels, firmer, coachmakers', ⅝ ,,	1

* For detail of bits, *see* page 100.

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Chest, Tools, Filled, No. 3c (Wheelers', &c.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Chisels, firmer, coachmakers' ½-inch	1
Chisels, firmer, coachmakers' ⅜ ,,	1
Chisels, firmer, coachmakers' ¼ ,,	1
Chisels, hand, cold 1 inch × 8 inches	1
Chisels, hand, cold ¾ inch × 8 inches	1
Chisels, mortice, ¼-inch	1
Compasses, common, 7-inch pairs	1
Compasses, wing, 10 ,, ,,	1
Drivers, screw, 14-inch	1
Drivers, screw, G.S. 6 ,,	1
Files, bastard, half-round, 14-inch	2
Files, bastard, round, 14 ,,	1
Files, saw, three-square, hand, 5½-inch	18
Files, saw, three-square, tenon, 4 ,,	6
54 Gen. No. 8203 **Gauges,** carpenters', marking	1
Gauges, carpenters', mortice	1
Gimlets, common, No. 1	2
Gimlets, common, ,, 2	2
Gimlets, common, ,, 3	1
Gimlets, common, ,, 4	1
Gimlets, common, ,, 5	1
Gimlets, common, ,, 6	1
Gimlets, spike, ⅜-inch	2
Gimlets, spike, ¼ ,,	2
Gouges, boxing, 2-inch	1
Gouges, boxing, 1¾ ,,	1
Gouges, firmer, ⅝ ,,	1
Gouges, firmer, ½ ,,	1
Gouges, firmer, ⅜ ,,	1
Gouges, pecking, 1-inch	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 16 ,,	1
Hammers, riveting, saddle-seat	1
Hammers, smiths', sledge, 10-lbs.	1
Hammers, wheelers', shoeing	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, carpenters'	1
Pencils, carpenters'	12
Pincers, carpenters' pairs	1
38407 Equip. 1976 **Pins,** drawbore, 16-inch	1
Pins, drawbore, 12 ,,	2
Planes, bead	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G. S.	1
Planes, trying	1

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Chest, Tool, Filled, No. 3c (Wheelers', &c.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Pots, glue, 1-pint	1
Punches, carpenters' large	1
Punches, carpenters' small	1
Rasps, coarse, half-round, 12-inch	1
Reels, carpenters' line	1
Rules, carpenters', common	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, frame, 15-inch	1
Saws, hand, 26-inch	1
Saws, tenon, 19-inch	1
Screws, thumb	1
Sets, saw, hand	1
Sets, saw, pit	1
Shaves, spoke 4-inch	2
Shaves, spoke 3¼ ,,	2
panners, McMahon, 15-inch	1
quares, smiths', iron	1
quares, carpenters' 9-inch	1
quares, carpenters' 4 ,,	1
Stones, oil, carpenters'	1
Vices, bench, saddletreemakers'	1
Vices, hand, 16-oz.	1
Woolwich Section, No. 11.	
Chalk, white (for line, carpenters) lb.	¼
Woolwich Section, No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Woolwich Section, No. 26.	
Stones, rag	1
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for:—	
Woolwich Section, No. 7.	
Sampsons*	1

* "Sampsons" are only issued when specially demanded.

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CHEST, TOOL, FILLED, No. 4A.
(Carpenters', Plain, G.S.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 4	1
Adzes, carpenters' { heads	1
Adzes, carpenters' { handles	1
Augers, screw, common { 2-inch....	1
Augers, screw, common { 1 ,, 29 inches long	1
Augers, screw, common { ¾ ,, ...	1
Augers, handles { 18-inch	1
Augers, handles { 16 ,, ...	1
Augers, handles { 13½ ,, ...	1
Baskets, tool	1
Chisels, { hand, cold, ¾ inch × 8 inches	1
Chisels, { socket, ¾-inch	1
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G. S., 12-inch	1
Files, saw, three-square { crosscut, 9-inch	2
Files, saw, three-square { hand, 5½-inch	3
Gimlets, common { No. 1	1
Gimlets, common { ,, 2	1
Gimlets, common { ,, 3	1
Gimlets, spike, $\frac{5}{16}$-inch	2
Hammers, { riveting, 24-oz.	2
Hammers, { wheelers', shoeing	1
Handles, file, small	2
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Pencils, carpenters'	6
Pincers, carpenters' .... pairs	1
Punches, carpenters', small	1
Reels, carpenters' line	1
Rules, collarmakers', 4-fold	2
Saws, hand, 26-inch	1
Sets, saw, { hand	1
Sets, saw, { pit	1
Shaves, spoke, 3¼-inch	1
Spanners, McMahon, 15-inch	1
Squares, carpenters', 9-inch....	1
Woolwich Section, No. 10.	
Locks, pad, iron, small	1
Woolwich Section, No. 11.	
Chalk, white (for line, carpenters') .... lb.	¼
Woolwich Section, No. 26.	
Stones, rag	1

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CHEST, TOOL, FILLED, No. 5A.

(Collarmakers' and Saddlers'.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4-inch	3
Awls, blades, buckling, $2\frac{3}{4}$,,	3
Awls, blades, drawing	2
Awls, blades, garnishing, $2\frac{1}{4}$-inch	2
Awls, blades, garnishing, $1\frac{7}{8}$,,	2
Awls, blades, harness, $1\frac{7}{8}$,,	3
Awls, blades, harness, $1\frac{3}{4}$,,	4
Awls, blades, harness, $1\frac{5}{8}$,,	4
Awls, blades, harness, $1\frac{3}{8}$,,	4
Awls, blades, harness, $1\frac{1}{4}$,,	3
Awls, blades, pannel, $5\frac{3}{4}$ inch	2
Awls, blades, pannel, 4 ,,	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8 inches	1
Clams, collarmakers' pairs	1
Claws, nail	1
Compasses, common, 7-inch pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G. S., 6-inch	1
Gimlets, common, No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 8-oz.	1
Hammers, riveting, saddle-seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 ,,	1
Irons, collar, 23 ,,	1
Irons, pricking, 12-stitch	1
Irons, pricking, 8 ,,	1
Irons, pricking, 5 ,,	1
Irons, seat, stuffing, 14-inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half-round	1
Knives, head	1
Lead, punching, collarmakers', 8-lb.	1

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Chest, Tool, Filled, No. 5A (Collarmakers' and Saddlers')—*cont.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Mallets, collar	1
Mallets, tinmans'	1
Needles, collar, half-moon, 6½-inch	1
Needles, collar, half-moon, 5½ ,,	1
Needles, collar, half-moon, 4½ ,,	1
Needles, collar, packing, 1	2
Needles, collar, packing, 2	2
Needles, collar, packing, 3	2
Needles, collar, packing, 4	3
Needles, collar, packing, 5	3
Needles, collar, packing, 6	3
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers', sewing	100
Needles, saddlers', stitching	25
Palms, collarmakers'	1
Pincers, saddlers'	1 pairs
Pliers, flat nose	1 ,,
Punches, oval, No. 31	1
Punches, oval, ,, 30	1
Punches, oval, ,, 28	1
Punches, oval, ,, 27	2
Punches, oval, ,, 24	1
Punches, oval, ,, 23	1
Punches, oval, ,, 22	2
Punches, oval, ,, 20	2
Rasps, shoemakers', 10-inch	1
Rules, collarmakers', 4-fold	1
Scissors, tailors'	1 pairs
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
Tools, edge, ,, 2	1
Tools, edge, ,, 3	1
Woolwich Section, No. 26.	
Stones, rag	1
Stones, rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for:—	
Woolwich Section, No. 7.	
Cards, towsing, small*	1 pairs

* Towsing cards will not be issued unless specially demanded. When issued to R.H.A. and Field Batteries they will be carried in the Forge Limber Wagon.

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CHEST, TOOL, FILLED, No. 6c.

(Coopers', R.E.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 6	1
Adzes, coopers', notching	1
Adzes, coopers', rounding	1
Axes, coopers'	1
Borers, bung	1
Chives, coopers', 7½-in.	1
Chives, coopers', 6¾ ,, ...	1
Drivers, coopers', kneed	1
Drivers, coopers', socket, iron...	1
Froes	1
Howels, barrel	1
Irons, bick upon wood	1
Jiggers	1
Jointers, F.S.	1
Knives, cramming	1
Knives, drawing, coopers'	1
Knives, notching	1
Punches, coopers', large	1
Shaves, coopers' inside, cask	1
Shaves, coopers' round	1
Stocks, coopers'	1
Stocks, croze barrel	1
Stocks, croze pail	1
Vices, screw, iron	1

NOTE.—This set of tools special to coopers is intended to be supplemented by such tools as hammers, rules, &c., which are in the chests of other artificers who would work with the coopers.

CHEST, TOOL, FILLED, No. 6D.

(Wheelers', Joiners', and Saddletree-makers', R.E.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 6	2
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Augers, screw, common 1½-in.	1
Augers, screw, common 1¼ ,, ...	1
Augers, screw, common 1⅛ ,, ...	1
Augers, screw, common 1 ,, 29 inches long	1
Augers, screw, common ⅞ ,, ...	1
Augers, screw, common ¾ ,, ...	1
Augers, screw, common ⅝ ,, ...	1
Augers, screw, common ½ ,, ...	1
Augers, handles 18 ,, ...	1
Augers, handles 16 ,, ...	1
Augers, handles 13½ ,, ...	1
Augers, handles 12	1

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Chest, Tool, filled, No. 6D. (Wheelers', Joiners', and Saddletree-makers', R.E.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Awls, blades, brad...	24
Awls, handles, brad, large	3
Awls, handles, brad, small	3
Axes, carpenters', 6½-lb.	1
Bars, crow, 2-ft. 3-in.	1
Baskets, tool	1
Bevels, steel blade, 12-in.	2
Braces, carpenters', with 24 bits*	1
Buzzes, ¾-in.	1
Buzzes, ⅝ ,,	1
Cans, oil, lubricating, armourers'	1
Chisels, boxing, large	1
Chisels, boxing, small	1
Chisels, firmer, 1½ in.	2
Chisels, firmer, 1¼ ,,	2
Chisels, firmer, 1 ,,	2
Chisels, firmer, ¾ ,,	2
Chisels, firmer, ⅝ ,,	2
Chisels, firmer, ½ ,,	2
Chisels, firmer, ⅜ ,,	1
Chisels, firmer, ¼ ,,	1
Chisels, firmer, ⅛ ,,	1
Chisels, hand, cold, ¾ ,, by 8-in.	1
Chisels, mortice, ¼ ,,	2
Chisels, socket, 1½ ,,	2
Compasses, wing, 10-in. ... pairs	1
Drivers, screw, G.S., 12-in.	1
Drivers, screw, G.S., 6 ,,	1
Files, bastard, half-round, 14-in.	2
Files, bastard, round, 12 ,,	2
Files, saw, three-square, hand, 5½-in.	18
Files, saw, three-square, tenon, 4 ,,	6
54 **Gauges,** carpenters', mortice	2
No. **Gimlets,** common	6
8203 **Gimlets,** spike, 7/16-in.	8
Gouges, boxing, 1⅜-in.	1
Gouges, firmer, scribing, ⅝-in.	1
Gouges, firmer, scribing, ⅜ ,,	2
Gouges, pecking, 1-in.	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 12 ,,	1
Hammers, wheelers', shoeing	1
Handles, file, small	4
Knives, drawing, carpenters'	1
Lines, carpenters'	2
Mallets, carpenters'	2
Pencils, carpenters' ... doz.	1
Pincers, carpenters' ... pairs	1
Pins, drawbore, 12-in.	2
Planes, bead	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G.S.	1
Planes, trying	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, smiths, hot, ⅝-in.	1

* For detail of bits, *see* page 100.

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Chest, Tool, filled, No. 6D (Wheelers', Joiners', and Saddletree-makers', R.E.) – *continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Rasps, coarse, half-round, 12-in.	1
Reels, carpenters' line	1
Rules, collarmakers', 4 fold	1
Saws, compass	1
Saws, dove-tail, brass back	1
Saws, frame, 15 in.	1
Saws, hand, 26 ,,	1
Saws, tenon, 19 ,,	1
Screws, thumb	1
Sets, saw, hand	1
Shaves, spoke, 3¼ in.	2
Spanners, McMahon, 15 in.	1
Squares, carpenters', 9 in.	1
Squares, carpenters', 4 ,,	1
Squares, smiths, iron	1
Stones, oil, carpenters'	2
Vices, bench, saddletree makers'	1
Vices, hand, 16 oz.	1
Woolwich Section, No. 11.	
Chalk, white	½ lb.
Glue, best town made	1 ,,
Woolwich Section, No. 25.	
Brushes, paint, sash tool, No. 6	1
Woolwich Section, No. 26.	
Stones, rag	1

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CHEST, TOOL, FILLED, No. 7.

(Farriers' and Shoeing Smiths', General Service.)

Articles.	No.
Woolwich Section, No. 7.	
Chest, tool, empty, No. 7	1
FORGE TOOLS.	
Chisels, farriers', handled	1
Cresses, farriers' (set of 2) .... set	1
Cutters, anvil, flat-smiths', 2-inch	1
Cutters, anvil, half-round, farriers'	2
Cutters, anvil, nail, farriers'	1
Fullers, farriers', handled	1
Hammers, farriers', ... pointing	1
Hammers, farriers', ... sledge, 9½-lb.	1
Hammers, farriers', ... turning	1
Poker, smiths'	1
Pritchels, farriers'	3
Slice, farriers'	1
Stake, farriers'	1
Stamps, farriers'	2
Tongs, farriers', turning, large .... pairs	1
Tongs, farriers', turning, medium .... ,,	1
Tongs, farriers', turning, small .... ,,	1
Tongs, farriers', fire .... ,,	1
Woolwich Section, No. 7.	
SHOEING TOOLS.	
Aprons, basil, white	1
Bags, tool, farriers'	1
Buffer, farriers'	1
Hammer, farriers', shoeing	1
Knives, ... drawing, farriers'	2
Knives, ... searching ,, ...	1
Pincers, farriers' .... pair	1
Rasps, farriers', 16-inch*	2
Stones, rag, farriers'	1

* Renewable quarterly.

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CHEST, TOOL, FILLED, No. 11c.

(Smiths', R.E.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 11	1
Braces, smiths'	1
Braces, ,, bits, countersink, rose	1
Braces, ,, bits, rimer, half-round	1
Braces, ,, bits, rimer, square	1
Callipers, 10-inch .... pairs	1
Chisels, hand, cold, 1 inch × 8 inch	2
Chisels, hand, cold, ¾ ,, × 8 ,, ...	2
Chisels, smiths' hot	2
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G.S., 12-inch	1
Drivers, screw, G.S., 6 ,, ...	1
Files, bastard, flat, 14-in.	10
Files, bastard, flat, 10 ,, ...	6
Files, bastard, half-round, 14 ,, ...	4
Files, bastard, half-round, 10 ,, ...	4
Files, bastard, round, 12 ,, ...	4
Files, bastard, round, 8 ,, ...	2
Files, bastard, square, 10-inch	2
Files, bastard, three square, 7-inch	2
Files, bastard, warding, 5-inch	2
Files, bastard, warding, cut on one side, 3½-inch	2
Hammers, riveting, 24 oz.	1
Hammers, smiths', hand, 3 lb.	1
Hammers, smiths', setting	1
Hammers, smiths', sledge, 10 lb.	1
Hammers, smiths', uphand, 7 lb.	1
Handles, file, large	6
Handles, file, middling	2
Pincers, carpenters' .... pairs	1
Plates, screw, 10 taps, 20-hole	1
Pokers, smiths'	1
Punches, smiths', hot, ⅝-inch	1
Punches, smiths', hot, ½ ,, ...	1
Punches, smiths', hot, ⅜ ,, ...	1
Rules, collarmakers', 4 fold	1
Saws, cutting metal, 10-inch	1
Saws, ,, ,, blades, 10-inch (spare)	1
Slices, farriers'	2
Spanners, McMahon, 15-inch	1

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Chest, Tool, filled, No. 11c. (Smiths', R.E.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Squares, smiths' iron	1
Stones, oil, smiths'	1
Tongs, smiths', bolt .... pairs	1
forebit .... ,,	1
forge, large .... ,,	1
hammer .... ,,	1
hollow bit .... ,,	1
plier .... ,,	1
Tools, bow, drilling, bows, smiths	1
boxes	2
breastplates, smiths'	1
drills .... sets	1
stocks....	1
strings, smiths' .... knots	1
Vices, hand, 16 oz.	1

The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.

Articles.	No.
Woolwich Section, No. 7.	
Anvils, $1\frac{1}{4}$ cwt.	1
Blocks, anvil, $1\frac{1}{4}$-cwt....	1
57 Gen. No. 2075 **Chests,** stocks and dies, Whitworth thread, 1-inch to $\frac{3}{8}$-inch, filled	1
tool, filled, screw cutting,* bolt and nut, B	1
Mark II,† .... C	1
Vice, standing, 36 lb.	1

* For details of contents of chests, *see* Appendix V, Part I.

† These chests will be issued in lieu of "Chests, stocks and dies, Whitworth thread," as they become unserviceable.

CHEST, TOOL, FILLED, No. 11 E.
(Carriage Smiths', R.A., Garrison.)

Articles.	Nos.
Woolwich Section, No. 7.	
Chest, tool, empty, No. 11	1
Aprons, basil, brown	2
Brace, smiths'....	1
Braces, smiths' bits, countersink, rose	1
rimer, half-round	1
rimer, square	1

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Chest, Tool, Filled, No. 11E (Carriage Smiths', &c.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Braces, ratchet, 18-inch	1
Braces, ratchet, drills (No. 1 to 11), 1½-inch to ¼-inch .... sets	1
Callipers, 10-inch .... pairs	1
Chisels, hand, cold, 1-inch by 8-inch	2
Chisels, hand, cold, ¾ ,, ,, 8 ,, ...	2
Chisels, rivet-head	1
Chisels, smiths' .... cold	1
Chisels, smiths' .... hot	2
Compasses, wing, 10-inch .... pairs	1
Cutter, anvil, flat, smiths', 2-inch	1
Drivers, screw, G.S., ... 14-inch	1
Drivers, screw, G.S., ... 6 ,, ...	1
Files, bastard, flat, ... 14 ,, ...	10
Files, bastard, flat, ... 10 ,, ...	6
Files, bastard, flat, ... 8 ,, ...	4
Files, bastard, half-round, 14 ,, ...	4
Files, bastard, half-round, 10 ,, ...	4
Files, bastard, round, ... 12 ,, ...	4
Files, bastard, round, ... 8 ,, ...	2
Files, bastard, rubbers, ½-inch thick, 16-inch	3
Files, bastard, three-square, 12-inch	1
Files, bastard, three-square, 7 ,, ...	1
Files, bastard, square, 10 ,, ...	2
Files, bastard, square, 8 ,, ...	2
Files, bastard, warding, 5 ,, ...	2
Files, bastard, warding, cut on one side, 3½-inch	2
Flatter, smiths'	1
Fullers, ... bottom	1
Fullers, ... top	1
Hammers, fitters', 24-oz.	1
Hammers, fitters', 32 ,, ...	1
Hammers, smiths', hand, 3-lb.	1
Hammers, smiths', setting	1
Hammers, smiths', sledge, 10-lb.	1
Hammers, smiths', uphand, 7-lb.	1
Handles, file, large	2
Handles, file, small	4
Handles, file, swan-neck	1
Holdalls, smiths'	1
Pincers, carpenters' .... pairs	1
Plate, screw, 10 taps, 20-hole	1
Pliers, side-cutting, 7-inch .... pairs	1
Punches, centre, 4½-inch	1
Punches, smiths' cold	2
Punches, smiths' hot ⅝-inch	1
Punches, smiths' hot ½ ,, ...	1
Punches, smiths' hot ⅜ ,, ...	1
Rods, smiths', iron	4
Rule, carpenters', common	1

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Chest, Tool, Filled, No. 11E (Carriage Smiths', &c.)—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Saws, cutting metal, 10-inch	1
Saws, cutting metal, blades, 10-inch	1
Snaps, hand, riveting, $\frac{7}{16}$-inch	1
Snaps, hand, riveting, $\frac{1}{8}$,,	1
Snaps, hand, riveting, $\frac{3}{10}$,,	2
Snaps, hand, riveting, $\frac{1}{4}$,,	2
Snaps, riveting, rod, $1\frac{5}{8}$-inch	1
Snaps, riveting, rod, $1\frac{1}{2}$,,	1
Snaps, riveting, rod, $1\frac{3}{8}$,,	2
Snaps, riveting, rod, $1\frac{1}{8}$,,	2
Snaps, riveting, rod, 1 ,,	2
Snaps, riveting, rod, $\frac{7}{8}$,,	2
Snaps, riveting, rod, $\frac{3}{4}$,,	2
Snaps, riveting, rod, $\frac{5}{8}$,,	2
Snaps, riveting, rod, $\frac{1}{2}$,,	2
Spanner, McMahon's, 15-inch	1
Square, smiths', iron	1
Stocks, drill, bevel wheel	1
Stocks, drill, bevel wheel, bits sets	1
Stone, oil, smiths'	1
Tongs, smiths', bolt pairs	1
Tongs, smiths', fore bit ,,	1
Tongs, smiths', forge, large ,,	1
Tongs, smiths', hammers ,,	1
Tongs, smiths', hollow bit ,,	1
Tongs, smiths', plier ,,	1
Traveller	1
Vice, hand, 16-oz.	1
Woolwich Section, No. 18.	
Cloths, sponge	4
Miscellaneous.	
Handbook, military artificers'	1

The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for :—

Woolwich Section, No. 7.	
Chest, stocks and dies, Whitworth thread, $1\frac{1}{8}$-inch to $\frac{1}{4}$-inch, filled	1
Chest, tool, filled, screw cutting,‡ bolt and nut, Mark II,† A	1
Chest, tool, filled, screw cutting,‡ bolt and nut, Mark II,† B	1
Chest, tool, filled, screw cutting,‡ bolt and nut, Mark II,† C	1
Chest, tool, filled, screw cutting,‡ bolt and nut, Mark II,† D	1
Vice, standing 80-lb., with iron bench*	1

* For details of contents of chests, *see* Appendix V, Part I.

† These chests will be issued in lieu of "Chests, stocks and dies, Whitworth thread," as they become unserviceable.

‡ An Engineer supply.

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CHEST, TOOL, FILLED, No. 12A.

(Whitesmiths' or Tinmans', General Service, except for Royal Engineers.)

	Articles.	No.
	Woolwich Section, No. 7.	
	Chests, tool, empty, No. 12	1
	Awls, scoring	1
	Bellows, tinmans'	1
	Chisels, tinmans', 1 in.	1
	Chisels, tinmans', ½ in.	1
	Compasses, common, 7 in. ... ... pairs	1
	Files, bastard, flat, 12 in.	3
	Groovers	1
	Hammers, tinmans', creasing, 10 oz.	1
	Hammers, tinmans', hollowing	1
	Hammers, tinmans', riveting, 16 oz.	1
	Hooks, shave, 1½ in.	1
	Irons, creasing, 11 lbs.	1
38407	**Irons,** soldering, tinmans'	2
Equip.	**Knives,** laboratory	1
1976	**Mallets,** tinmans'	1
	Pots, fire, tinmans'	1
	Rasps, fine, half-round, 12-inch	1
	Shears, tinmans', scotch ... ... pairs	1
	Shears, tinmans', stock ... ... ,,	1
	Squares, smiths', iron	1

CHEST, TOOL, FILLED, No. 12B.

(Plumbers', Gasfitters', and Tinsmiths', R.E.)

	Articles.	No.
	Woolwich Section, No. 7.	
	Chests, tool, empty, No. 12	1
	Awls, scoring	1
57	**Bellows,** tinmans	1
24	**Bosses,** plumbers, 5 in.	1
3209	**Bosses,** plumbers, 3⅝ ,, ...	1
	Cloths, wiping, plumbers'*	1
	Diamonds, glaziers'	1
	Groovers	1
	Hammers, tinmans', hollowing	1
	Hooks, shave, 1½ in.	1
	Irons, soldering, plumbers', 4-lb.	2
	Irons, soldering, tinmans'	1
	Knives, palette, 9 in.	1
	Knives, putty	1
	Ladles, melting, 1 pint	1
	Mallets, tinmans'	1
	Pipes, blow, 12 in.	1
	Pliers, gas ... ... pairs	1
	Pots, fire, tinmans'	1
	Pots, melting	1
	Punches, tinmans', flat end	2
	Shears, tinmans' scotch ... ... pairs	1
	Shears, tinmans' snip ... ... ,,	1

The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.

* 1 Repairable or unserviceable drum case makes 2 wiping cloths.

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Chest, Tools, filled, No. 12B. (Plumbers', &c., R.E.)—*continued.*

	Articles.	No.
57	**Woolwich Section, No. 7.**	
. No.	**Chests**, tool, filled, screw cutting, iron and steel tube, Mark II‡	1
075	The following materials to be demanded as required, viz.:—	
	Woolwich Section, No. 9.	
	Solder, tinman's, soft ... ... lbs.	
	Tin, sheets, XXX	

‡ For details of contents of chest, *see* Appendix V, Part I.

CHEST, TOOL, FILLED, No. 12D.

(Plumbers', Painters', and Glaziers', Regimental.)

	Articles.	No.
	Woolwich Section, No. 7.	
	Chests, tool, empty, No. 12	1
57	**Bosses**, plumbers', 5 in.	1
24	**Bosses**, plumbers', $3\frac{5}{8}$,, ...	1
209	**Bosses**, plumbers', $1\frac{1}{2}$ in.	1
	Cans, paint, $7\frac{1}{2}$ in. diameter	1
	Cans, paint, 7 ,, ,, ...	1
	Chisels, smiths', cold	1
	Compasses, wing, 10 in. ... ... pairs	1
	Diamonds, glaziers'	1
	Dressers, plumbers'	1
	Hammers, glaziers'...	1
	Hammers, plumbers', 3 lbs.	1
	Hooks, shave, $1\frac{1}{2}$ in.	1
	Irons, soldering, plumbers', 4 lbs.	1
	Irons, soldering, plumbers', $1\frac{3}{4}$,, ...	1
	Knives, cutting	1
	Knives, hacking	1
	Knives, palette, 9 in.	1
	Knives, stopping	1
	Ladles, melting, 1 pint	1
	Mallets, plumbers'	1
	Pipes, blow, 12 in.	1
	Pliers, gas, 6 in. ... ... pairs	1
	Pliers, round nose ... ... ,,	1
	Pots, melting	1
	Rules, glaziers', 2 ft.	1
	Rules, glaziers', T, 2 ft. 6 in.	1
	Squares, smiths', iron...	1
	Tongs, gas fitters', 2 in. ... ... pairs	1
	Tongs, gas fitters', $1\frac{1}{2}$,, ... ,,	1
	Tongs, gas fitters', 1 ,, ... ,,	1
	Tongs, gas fitters', $\frac{3}{4}$,, ... ,,	1
	Tongs, gas fitters', $\frac{1}{2}$,, ... ,,	1

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Chest, Tool, Filled, No. 12D. (Plumbers', &c., Regimental)—*continued.*

Articles.	No.
Woolwich Section, No. 11.	
Bottles, tin, oil, with screw top, 2 quarts	3
Woolwich Section, No. 25.	
Brushes, paint, ground, 000	3
Brushes, paint, sash tool, No. 2	1
Brushes, paint, sash tool, ,, 4	1
Brushes, paint, sash tool, ,, 6	1

CHEST, TOOL, FILLED, No. 13A.

(Painters', General Service, except for Royal Engineers.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 13	1
Brushes, sable, writing, ... crow, large	1
Brushes, sable, writing, ... duck, large	1
Brushes, sable, writing, ... goose, large	1
Brushes, sable, writing, ... goose, small	1
Cans, paint, 7½ inches diameter	1
Cans, paint, 7 ,, ,, ...	1
Knives, ... palette, 9-inch	1
Knives, ... stopping	1
Pots, writing	1
Woolwich Section, No. 25.	
Brushes, paint, ... ground, 000	2
Brushes, paint, ... unground, 000	2
Brushes, paint, ... sash tool, No. 2	2
Brushes, paint, ... sash tool, ,, 4	2
Brushes, paint, ... sash tool, ,, 6	2

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CHEST, TOOL, FILLED, No. 13B.

(Painters', R.E.)

Articles.	No.
Woolwich Section, No. 7.	
Chests, tool, empty, No. 13	1
Brushes, sable writing, duck, large	12
Brushes, sable writing, duck, small	12
Cans, paint, 7½ in. diameter	1
Cans, paint, 7 ,, ,, ...	1
Knives, palette, 9-in.	1
Knives, putty	1
Pots, writing	1
Woolwich Section, No. 25.	
Brushes, paint, ground, 000...	2
Brushes, paint, unground, 000	6
Brushes, paint, sash tool, No. 2	2

CHEST, TOOL, FILLED, TELEGRAPH MECHANICS'.

(Detail of Tools, Materials, and Instruments.)

Articles.	No.
Weedon Section.	
TOOLS.	
Bits, soldering, 1½ lbs.	1
Boxes, oilstone dust	1
Brushes, lathe, polishing ... ... sets	1
Corks, clam	4
Pliers, flat nose ... ... pairs	2
Sticks, buff	2
Stones, oil, armourers'	1
Woolwich Section, No. 7.	
Chests, tool, empty, telegraph mechanics', No. 1	1
Chests, tool, empty, telegraph mechanics', ,, 2	1
Chests, tool, empty, telegraph mechanics', ,, 3	1
Chests, tool, empty, telegraph mechanics', ,, 4*	1

* This chest is constructed to act as a temporary work bench, and the "Vice, bench, parallel, 40 lb.," can be attached to it.

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Anvils, 5 lbs.	1
Aprons, basil, brown	2
Awls, blades, brad	12
Awls, handles, brad, large	3
Awls, handles, brad, small	3
Bellows, tinmans'	1
Bits, soldering, ½ lb.	2
Blocks, scribing	1
Boxes, polishing	1
Braces, armourers'	1
Braces, carpenters', bits, sets of 24*a*	1
Broaches, telegraph mechanics', blades	1
Broaches, telegraph mechanics', handles	6
Brushes, camel hair, 1½ in.	2
Brushes, camel hair, 1 ,,	2
Brushes, camel hair, ½ ,,	2
Brushes, lathe	1
Brushes, plate	4
Brushes, watchmakers'	6
Burnishers, flat	1
Burnishers, oval	1
Burnishers, triangular	1
Callipers, 5 in. pairs	1
Callipers, 4 ,, inside ,,	2
Callipers, 4 ,, outside ,,	2
Cans, oil, lubricating, armourers'	2
Card, scratch ft.	2
Catgut (for lathe), ⅝ in. diameter hanks	3
Catgut (for lathe), ¼ ,, ,, ,,	3
Chasers, fine thread, 17 threads per inch pairs	1
Chasers, fine thread, 19 ,, ,, ,,	1
Chasers, fine thread, 28 ,, ,, ,,	1
Chasers, fine thread, 36 ,, ,, ,,	1
Chasers, fine thread, 40 ,, ,, ,,	1
Chasers, fine thread, 56 ,, ,, ,,	1
Chasers, ordinary thread, 14 threads per inch ,,	1
Chasers, ordinary thread, 16 ,, ,, ,,	1
Chasers, ordinary thread, 18 ,, ,, ,,	1
Chasers, ordinary thread, 20 ,, ,, ,,	1
Chasers, ordinary thread, 24 ,, ,, ,,	1
Chasers, ⅛ in. ,,	1
Chisels, cross-cut, 7 in. × ¼ in.	1
Chisels, cross-cut, 4½ ,, × ⅛ ,,	2
Chisels, hand, cold, 1 in. × 8 in.	1
Chisels, hand, cold, ½ ,, × 4½ ,,	2
Chisels, turners, 1 in.	1
Chisels, turners, ⅞ ,,	1
Chisels, turners, ¾ ,,	1
Chisels, turners, ⅝ ,,	1
Chisels, turners, ½ ,,	1
Chisels, turners, ¼ ,,	1
Clams, telegraph mechanics', lead pairs	1
Clams, telegraph mechanics', wood ,,	2
Cloth, emery, fine quires	1
Cloth, emery, flour ,,	1
Cloth, emery, middling ,,	1
Dividers, spring, 6 in.	2
Drills, Morse, twist set	1

a. For detail of bits *see* page 100.

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

Articles.	No.
Woolwich Section, No. 7—*continued.*	
Drivers, screws, armourers', small	1
Drivers, screws, general service, 6 in.	1
Drivers, screws, general service, 4 ,, ...	1
Drivers, screws, watchmakers', $\frac{1}{4}$,, ...	2
Drivers, screws, watchmakers', $\frac{3}{16}$,, ...	2
Drivers, screws, watchmakers', $\frac{1}{8}$,, ...	2
Dust, oilstone ... ... oz.	6
Elderpith ... ... bundles	6
Eyeglasses	2
Ferrules, screw 1 in.	2
Ferrules, screw $\frac{7}{8}$,, ...	2
Ferrules, screw $\frac{3}{4}$,, ...	1
Ferrules, screw $\frac{5}{8}$,, ...	2
Files, bastard, ... safe edge, ... 10 in.	2
Files, bastard, ... safe edge, ... 6 ,, ...	3
Files, bastard, ... safe edge, ... 4 ,, ...	2
Files, bastard, ... half-round, 5 ,, ...	6
Files, bastard, ... round, ... 8 ,, ...	3
Files, bastard, ... round, ... 6 ,, ...	3
Files, bastard, ... round, ... 4 ,, ...	3
Files, bastard, ... safe edge, ... 10 ,, ...	2
Files, bastard, ... safe edge, ... 8 ,, ...	3
Files, bastard, ... safe edge, ... 6 ,, ...	3
Files, bastard, ... safe edge, ... 4 ,, ...	2
Files, bastard, ... square, ... 8 ,, ...	3
Files, bastard, ... square, ... 4 ,, ...	2
Files, bastard, ... three square, 6 ,, ...	3
Files, bastard, ... three square, 4 ,, ...	6
Files, bastard, ... warding, ... 5 ,, ...	6
Files, bastard, ... warding, ... 3 ,, ...	6
Files, second cut... half-round, 10 ,, ...	2
Files, second cut... half-round, 8 ,, ...	3
Files, second cut... half-round, 6 ,, ...	3
Files, second cut... half-round, 4 ,, ...	2
Files, second cut... safe edge, ... 10 ,, ...	4
Files, second cut... safe edge, ... 8 ,, ...	6
Files, second cut... safe edge, ... 6 ,, ...	6
Files, second cut... safe edge, ... 4 ,, ...	4
Files, second cut... square, ... 8 ,, ...	4
Files, second cut... square, ... 6 ,, ...	4
Files, second cut... square, ... 4 ,, ...	4
Files, dead smooth, half-round, 8 ,, ...	2
Files, dead smooth, half-round, 6 ,, ...	2
Files, dead smooth, half-round, 4 ,, ...	1
Files, dead smooth, safe edge, 10 ,, ...	3
Files, dead smooth, safe edge, 8 ,, ...	6
Files, dead smooth, safe edge, 6 ,, ...	3
Files, dead smooth, safe edge, 4 ,, ...	3
Files, smooth, ... half round, 8 ,, ...	3
Files, smooth, ... half round, 6 ,, ...	3
Files, smooth, ... half round, 4 ,, ...	2
Files, smooth, ... knife, ... 5 ,, ...	3
Files, smooth, ... round, ... 8 ,, ...	3
Files, smooth, ... round, ... 6 ,, ...	3
Files, smooth, ... round, ... 4 ,, ...	3
Files, smooth, ... safe edge, ... 10 ,, ...	4
Files, smooth, ... safe edge, ... 8 ,, ...	4
Files, smooth, ... safe edge, ... 6 ,, ...	4
Files, smooth, ... safe edge, ... 4 ,, ...	4
Files, smooth, ... square, ... 8 ,, ...	3
Files, smooth, ... square, ... 6 ,, ...	3
Files, smooth, ... square, ... 4 ,, ...	2
Files, smooth, ... three square, 6 ,, ...	3
Files, smooth, ... three square, 4 ,, ...	6
Files, pivoting ... ... sets	1

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

	Articles.	No.
	Woolwich Section, No. 7—*continued.*	
38407 Equip. 2039	**Gauges,** standard, wire	1
	Gimlets, common, No. 3	6
	Gouges, unhandled, turners', 1-in.	1
	$\frac{7}{8}$,,	1
	$\frac{3}{4}$,,	1
	$\frac{1}{2}$,,	1
	$\frac{3}{8}$,,	1
	$\frac{1}{4}$,,	1
	Gravers, turners, $\frac{9}{32}$-in.	2
	$\frac{7}{32}$,,	2
	$\frac{5}{32}$,,	1
	$\frac{3}{32}$,,	1
	Grindstones, 8-in.	1
	Hammers, fitters, 8-oz.	1
	riveting, 12-oz.	1
	4 ,,	1
	watchmakers'	2
	Handles, arm rest	4
	file, middling	12
	small	12
	graver	12
	turning tool, 11-in.	6
	9 ,,	6
	Holders, milling tool	2
	Hooks and eyes ... pairs	12
	Knives, clasp	2
	Ladles, melting, $\frac{1}{2}$-pint	1
	Lathes, telegraph mechanics'*	1
	throw	1
	Mallets, tinmans'	1
	Nippers, end cutting, general service ... pairs	2
	Pegwood ... bundles	6
	Pencils, carpenters' ... doz.	1
	Pipes, blow, 8-in.	2
	Pivot-turns	1
	Plates, draw	1
	screw, 8 taps, 27 hole	1
	7 ,, 14 ,,	1
	surface, 10 in. × 4 in.	1
§8199 L. of C.	**Pliers,** round nose ... pairs	2
	side cutting, 8-in. ... ,,	2
	watchmakers, 5 in. ... ,,	2
	4 ,, ... ,,	2
	Pots, fire, telegraph mechanics'	1
	glue, 1 pint	1
	Powder, emery, 80 hole ... lbs.	1
	flour ... ,,	1
	Punches, centre, 4-in.	1
	3 ,,	1
	Rasps, fine, flat, 8-in.	3
	6 ,,	3
	half-round, 8-in.	6
	6 ,,	6
	Rules, armament artificers', 1 ft.	2
	collarmakers', 4-fold	1

* *Supplied with the following chucks:*—1 centre chuck, 1 drill chuck, 2 gunmetal cup chucks, 1 self-centering "Oneida" chuck, 1 face-plate 7-in., 1 carrier for 1-in. work, and 1 carrier for $\frac{5}{8}$-in. work; *also with the following articles:*—2 gut bands, 1 backboard, 1 slide rest, 2 T rests, 1 plug, and 1 taper tap for chucks.

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

	Articles.	No.
	Woolwich Section, No. 7—*continued.*	
	Runners, milling, flat	4
	Runners, milling, hollow	4
	Runners, milling, round	4
	Saws, cutting metal, 6-in.	2
	Saws, cutting metal, blades, 6-in.	12
	Saws, dovetail, brass back	1
	Saws, keyhole, blades	6
	Saws, keyhole, pads	1
	Scissors, tailors' ... pairs	1
	Scribers	2
	Shears, snip ... pairs	1
	Shears, tinmans', snip ... ,,	1
	Spanners, McMahon, 12-in.	1
	Spanners, McMahon, 9 ,,	1
57	**Squares,** fitters'	2
	Squares, turners'	1
Gen. No. 2075	**Stocks** and dies, Whitworth thread, telegraph mechanics' * ... sets	1
	Stones, oil, slips, Arkansas, small	2
	Stones, oil, telegraph mechanics	1
	Tips, oil	2
	Tongs, watchmakers, bull nose ... pairs	1
	Tongs, watchmakers, wide nose ... ,,	1
	Tools, bow, drilling, bows, armourers'	2
	Tools, bow, drilling, boxes	2
	Tools, bow, drilling, breast-plates, smiths'	1
	Tools, bow, drilling, drills ... sets	1
	Tools, bow, drilling, stocks	1
	Tools, bow, drilling, strings, smiths' ... knots	3
	Tweezers ... pairs	3
	Vices, bench, parallel, 40-lb.	1
	Vices, bench, parallel, 5 ,,	1
	Vices, hand, 16-oz.	1
	Vices, pin	3
	Wire, brass, No. 8 W.G. ... lbs.	4
	Wire, brass, ,, 11 ,, ... ,,	3
	Wire, brass, ,, 20 ,, ... ,,	1
	Wire, brass, ,, 24 ,, ... ,,	1
	Wire, steel, ,, 20 ,, ... ,,	1
	Wire, steel, ,, 24 ,, ... ,,	1
	Woolwich Section, No. 9.	
	Metals.	
	Brass, sheet, $\frac{1}{4}$ in. ... lbs.	4
	Brass, sheet, $\frac{3}{16}$,, ... ,,	4
	Brass, sheet, $\frac{1}{8}$,, ... ,,	3
	Brass, sheet, $\frac{3}{32}$,, ... ,,	2
	Brass, sheet, $\frac{1}{16}$,, ... ,,	1
	Brass, tubing ... ,,	7
	Solder, tinman's, soft, best ... ,,	5
	Steel, cast, round, $\frac{1}{2}$ in. ... ,,	2
	Steel, cast, square, $\frac{3}{2}$ in. ... ,,	6
	Steel, cast, square, $\frac{1}{4}$,, ... ,,	1
	Steel, rod, Stubs', bright ... ,,	4
	Steel, spring, sheet, 16 B.W.G. ... ,,	1
	Yellow metal, bar, $\frac{1}{4}$ in. ... ,,	4
	Yellow metal, bar, $\frac{1}{2}$,, ... ,,	4

* *See* note § on page 125.

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

Articles.	No.
Woolwich Section, No. 10.	
A—*Ironmongery, &c.*	
Boxes, horseshoe	2
38407 Equip. 2039 **Ebonite,** bar, unpolished, 1-in. ... ... lbs.	2
Ebonite, sheet, unpolished, ½ in. ... ... ,,	2
Ebonite, sheet, unpolished, ¼ ,, ... ,,	1
Screws, brass, 1 in. gauge, No. 12 ... ... doz.	6
Screws, brass, ⅞ ,, ,, ,, 6 ... ... ,,	6
Screws, brass, ¾ ,, ,, ,, 7 ... ... ,,	6
Screws, brass, ½ ,, ,, ,, 9 ... ... ,,	6
Screws, brass, ½ ,, ,, ,, 6 ... ... ,,	6
Screws, brass, ⅜ ,, ,, ,, 3 ... ... ,,	4
Screws, brass, ¼ ,, ,, ,, 3 ... ... ,,	3
Screws, iron flat-head, 2 ,, ,, ,, 13 ... ... ,,	6
Screws, iron flat-head, 1½ ,, ,, ,, 11 ... ... ,,	6
Screws, iron flat-head, 1 ,, ,, ,, 8 ... ... ,,	6
Screws, iron flat-head, ¾ ,, ,, ,, 10 ... ... ,,	6
Screws, iron flat-head, ¾ ,, ,, ,, 7 ... ... ,,	6
Screws, iron flat-head, ½ ,, ,, ,, 9 ... ... ,,	6
Screws, iron flat-head, ½ ,, ,, ,, 6 ... ... ,,	6
Screws, iron flat-head, ⅜ ,, ,, ,, 3 ... ... ,,	4
Screws, iron flat-head, ¼ ,, ,, ,, 3 ... ... ,,	3
Woolwich Section, No. 11.	
A—*Oil, Paint, Chemicals, &c.*	
Acid, muriatic ... ... lbs.	3
Borax, refined... ... ... ,,	1
Charcoal, pit ... ... ,,	5
Glue, best town made... ... ... ,,	2
Lacquer, pale gold ... ... bottles	2
Lacquer, white ... ... pints	½
Methylated spirits... ... ... gall.	¼
Oil, for instruments ... ... bottles	1
Oil, rape ... ... gall.	¼
Paraffin, white ... ... lbs.	2
Platinum, bichloride ... ... tubes	6
Resin, black ... ... lbs.	1
Sal-ammoniac, in lumps ... ... ,,	2
Wick, common... ... ... ,,	½
B—*Packages, Oil and Paint, &c.*	
Bottles, stone, 1 pint (inst. oil)	1
Bottles, stone, ½ ,, (white lacquer)	1
Bottles, stone, stoppered, covered with wicker and capped with cane, ¼-gall. (mur. acid)	1
Bottles, tin, oil, 1 quart (sweet oil and spirits of wine)	2
Woolwich Section, No. 12.	
Timber.	
Timber, boxwood (in pieces, suitable for lathe chucks) ... ... lbs.	6
Woolwich Section, No. 22.	
Shellac, orange ... ... lbs.	½
Woolwich Section, No. 25.	
Brushes, paint, sash tool, No. 6	3

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Chests, Tool, filled, Telegraph Mechanics'—*continued.*

	Articles.	No.
	Woolwich Section, No. 27.	
	B—*Textile Stores.*	
	Leathers, chamois	6
	Rags, cotton ... ... lbs.	10
	Woolwich Section, No. 28.	
	A—*Submarine Mining Stores.*	
	Coils, resistance, 10,000 ohms	1
	Galvanometers, astatic†	1
	Magnets, horseshoe	1
	Tools, electricians', large—	
	Bottles, oil	1
	Cases { files	1
	Cases { springs and pins	1
	Springs, helical	2
7896 487 and §10515 L. of C.	B—*Electric Light Stores.*	
	Wire, covered, C 5 ... ...yards	50
	Woolwich Section, No. 29.	
	A—*Telegraph and Survey Apparatus, &c.*	
	Batteries, Le Clanché, six-cell	1
	Boxes, resin	1
	Cases, galvanometer, detector, quantity and intensity	1
	Counters, bone	100
	Galvanometers, detector, quantity and intensity	1
	Instruments, telegraph { sounder, field, Mark II (spare parts) ... ... sets*	3
	Instruments, telegraph { transmitter, vibrating, Mark II (spare parts) ... ,,	3
§10679 L. of C.	**Lamps,** spirit, telegraph mechanics'	2
	Leather, black, enamelled ... ... lbs.	4
	Nuts and washers, telegraph mechanics' ... ... sets	10
	Powder, silvering ... ... oz.	6
	Ribbon, silk, ⅝-in. ... ...yards	12
	Solder, silver ... ... oz.	2
Vocab. pp. 1111, 1154, 1185.	**Wires,** covered, A 2 ... ... lbs.	1
	Wires, covered, A 3 ... ... ,,	½
	Wires, covered, A 4 ... ... ,,	½
	Wires, covered, A 5 ... ... ,,	½
	Wires, uncovered Z, 22 ... ... ,,	½
	Wires, uncovered Z, 23 ... ... ,,	½
	Wires, uncovered Z, 24 ... ... ,,	½
	Wires, uncovered Z, 25 ... ... oz.	1
	Woolwich Section, No. 30.	
	Paper, brown, common ... ... quires	2
57 Gen. No. 2075	The undermentioned are not carried in the chests, and will be separately demanded, charged, and accounted for:—	
	Woolwich Section, No. 7.	
	Chests, tool, filled, screwcutting ‡ { brass and copper tube, Mark I	1
	Chests, tool, filled, screwcutting ‡ { bolt and nut, Mark II § { C	1
	Chests, tool, filled, screwcutting ‡ { bolt and nut, Mark II § { D...	1

* For detail of sets, *see* page 73.
† Or "galvanometers, horizontal," when stock of above is exhausted.
‡ For details of contents of chests, *see* Appendix V, Part I.
§ These chests will be issued in lieu of "Stocks and dies, Whitworth thread, telegraph mechanics', sets, 1" (*see* page 123), as they become unserviceable.

§7571 L. of C. 57 Gen. No. 2075

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FIELD COMPANIES.

*EQUIPMENT to be left behind by Field Companies, Royal Engineers, on exchanging Stations.

(*Referred to in paragraph* 37, *Part* 1.)

	Articles	Companies on Higher Establishment.	Companies on Lower Establishment.
	CAMP AND FIELD EQUIPMENT.		
	Woolwich Section, No. 2.		
57	**Axes,** felling, curved helve	6	23
24	**Axes,** hand, 2 lbs. (or 2 lb. 2 oz.)	6	12
2630	**Axes,** helves, 36-in.	—	6
54	**Buckets,** water, G.S., leather	6	8
Engineers	**Hooks,** bill	2	25
9924	**Hooks,** reaping, large	6	6
	Mauls, G.S., Mark III.	10	10
	Posts, picket, 2½-ft., with iron loop	12	12
	Pumps, tripod	1	1
	Tent, mallets	—	3
	CART AND WAGON STORES.		
	Woolwich Section, No. 4.		
	Axletrees, 3rd Class B, No. 176 (spare)	1	1
	Covers, wagon, G S., Mark IV	1	1
	Soles, dragshoe, No. 17	6	6
	Swingletrees, No. 3	†	†
	Ties, linch pin, sets of 4 (spare)	†	†
	Washers, drag, 3rd Class B. ,,	†	†
	Woolwich Section, No. 10.		
	Jacks, lifting, G.S.		3
	Screws, looped, No. 3, flat		2
	Woolwich Section, No. 13.		
	Straps, securing 1 in. by 36 in. (spare)	1	1
	Straps, securing 1 in. by 26 in. ,,	1	1

* Companies moving from England to Ireland, or *vice versâ*, will leave behind their horses, harness, and saddlery; and the carriages with their equipment.

† What is left after equipping carts and wagons taken by road.

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Equipment to be left behind by Field Companies, Royal Engineers, on exchanging Stations—*continued.*

Articles.	Companies on Higher Establishment.	Companies on Lower Establishment.
CART AND WAGON STORES—*continued.*		
Woolwich Section, No. 15.		
Pins, linch. 3rd Class... ... ... (spare)	3	4
Woolwich Section, No. 28.		
D—*Vehicles and other Stores, &c.*		
Carts, tool, double, R.E.	—	1
Casks, water, 5 gallons, R.E.	—	1
Hoops, bale, wagon, G.S., R.E. ... ... sets	1	1
Wagons, G.S., R.E.	1	1
Wagons, Pontoon	2	2
HARNESS AND SADDLERY.		
Woolwich Section, No. 27.		
Packsaddlery, general service, sacks, coal, packsaddle ...	1	1
Stable Necessaries and Equitation Articles.		
Woolwich Section, No. 5.		
Bridles, Mouthing, Bits	1	1
Bridles, Mouthing, Heads, bridle	1	1
Bridles, Mouthing, Reins	1	1
Bridles, Snaffle, ... Bits	2	2
Bridles, Snaffle, ... Heads, bridle	2	2
Bridles, Snaffle, ... Reins	2	2
Cavisons	1	1
Couples, trace...	*	*
Crosstrees, Bands, belly	1	1
Crosstrees, Cruppers	1	1
Crosstrees, Pads	1	1
Crosstrees, Reins, running	2	2
Crosstrees, Reins, side	4	4
Crosstrees, Trees	1	1
Rollers, breaking	1	1
Whips, longeing	1	1

* Remainder after equipping carts for the road.

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Equipment to be left behind by Field Companies, Royal Engineers, on exchanging Stations—*continued.*

	Articles.	Companies on Higher Establishment.	Companies on Lower Establishment.
	TOOLS.		
	Woolwich Section, No. 2.		
	C—*Tools, &c., for Intrenching.*		
	Axes, pick, heads, 6½ lbs.	6	23
	Axes, pick, helves, 34½-in.	6	29
	Bags, sand, common	1,000	1,000
	Bars, crow, 4 ft. 6 in.	—	4
	Ends, pickaxe, point	—	8
	Knives, gabion	—	11
	Lamps, tracing	—	1
	Pickets, tracing, barked	—	60
54 Engineers 184	**Shovels,** R.E.	4	34
	Shovels, helves, 32¾-in.	1	4
	Spades, N.P.	5	8
	Tapes, tracing	—	3
	D—*Miners' Tools and Stores.*		
	Bars, boring, 1½-in. hole, 4 ft.	—	1
	Bars, boring, 1½ ,, 2 ft. 6 in.	—	2
	Bars, jumping, 1½ ,, 5 ft. 6 in.	—	1
	Hammers, miners', boring, 7 lbs.	—	2
	Scoops and Scrapers, 1½-in. hole, 4 ft.	—	1
	Wedges, sawyers', steel, 8-in.	—	3
	Woolwich Section, No. 7.		
	Tools, Artificers' and Labourers'.		
	Chests, tool, empty, No. 2	2	2
	Chests, tool, empty, No. 4A	12	12
	Chests, tool, empty, No. 5A	1	1
	Chests, tool, empty, No. 11C	2	2
	Chests, tool, empty, No. 13B	1	1
	Tools, contained in chests No. 4A sets	—	3
	Anvils 1¼ cwt.	1	1
	Anvils 5 lbs.	1	1
	Augers screw, bull-nosed, 2-in.	—	1
	Augers handles, 18½-in.	—	1
	Blocks, anvil, 1¼ cwt.	1	1
	Cases auger	—	1
	Cases saw, hand	2	8
§ 10313 L. of C.	**Dogs,** railway, and sawyers', straight, Mark II, 12-in.	20	36
	Forges, double bellows	1	1
	Grindstones, F.S., 18-in.	2	2
	Hammers claw, 28 oz.	3	7
	Hammers riveting, 24 ozs.	1	1
	Hammers handles, 36-in., stout	—	1
	Knives, clasp	1	2
§ 8199 L. of C.	**Levels,** F.S., 4-ft.	—	1
	Pliers, side-cutting, 8-in. pairs	—	2
	Plugs, with feathers sets	—	1

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Equipment to be left behind by Field Companies, Royal Engineers, on exchanging Stations—*continued.*

Articles.	Companies on	
	Higher Establishment.	Lower Establishment.
TOOLS—*continued.*		
Woolwich Section, No. 7—*continued.*		
Saws { cross-cut { blades, 5-ft.	—	1
Saws { cross-cut { handles ... ... pairs	—	1
Saws { hand, 26-in.	2	8
Spikes, marline, iron, 10-in.	—	1
Stones, oil, carpenters'	—	1
Trowels { bricklayers', 12-in.	—	1
Trowels { masons'	—	1
Woolwich Section, No. 10.		
E—PLATELAYER'S TOOLS.		
Hammers, platelayer's, sledge, Mark II	1	2
All expendible material mentioned in Table 15, such as iron, timber, &c., should be returned to Ordnance Store at the old station, and a receipt obtained, so that similar quantities can be issued at the new station.	1	2
Woolwich Section, No. 13.		
FIELD ARTILLERY CARRIAGES AND THEIR APPURTENANCES, &c.		
Sticks, portfire	—	1
Woolwich Section, No. 14.		
GARRISON AND SIEGE ARTILLERY MOUNTINGS.		
Handspikes, common, 6 ft.	2	3
Woolwich Section, No. 18.		
A—BLOCKS, CANVAS, CORDAGE, &c.		
Blocks, malleable, iron, { 4-in. double	—	1
Blocks, malleable, iron, { 4-in. snatch	—	1
Lines, Hambro'	—	8
B—SIDE ARMS, TAMPEONS, &c.		
Lashings, tarred, { 1½-in. 50 ft....	12	12
Lashings, tarred, { 1½-in. 18 ft.	12	12
Ropes, drag, light, G.S. ... ... pairs	4	5

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Equipment to be left behind by Field Companies, Royal Engineers, on exchanging Stations—*continued.*

Articles.	Companies on Higher Establishment.	Companies on Lower Establishment.
Woolwich Section, Nos. 20, 21, and 22.		
The gun-cotton, detonators, and matches shown in Table 17, should be returned to Ordnance Store at the old station, and a receipt obtained, so that similar quantities can be demanded at the new station.		
Knives, laboratory	1	1
Woolwich Section, No. 22.		
FUZES, ROCKETS, TUBES &c.		
Boxes, instantaneous fuze	1	1
Boxes, vesuvian matches...	1	2
Woolwich Section, No. 26.		
BARRACK AND HOSPITAL STORES. (*Part* 2.)		
Balances, spring, 200 lbs.	1	1
Balances, spring, 80 lbs.	4	4
Woolwich Section, No. 27		
B—TEXTILE STORES.		
Bags, line, gear	5	5
Chests, pack transport, Clarkson, Mark II	27	29
D—PACKSADDLERY.		
Packsaddlery, artillery anvils, ½ cwt.	1	1
Packsaddlery, artillery blocks, anvil, ½ cwt.	1	1
Packsaddlery, G.S. girths, demolition equipment sets	1	1
Woolwich Section, No. 28.		
A—SUBMARINE MINING STORES.		
Bags, gun-cotton, 25 lbs.	—	7
Bags, gun-cotton, clamps	—	7
E—ARMY SIGNALLING STORES.		
All the stores mentioned in Table 19 to be left behind.		
F—PONTOON STORES.		
All the stores mentioned in Table 19 to be left behind.		

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Equipment to be left behind by Field Companies, Royal Engineers, on exchanging Stations—*continued.*

	Articles.	Companies on Higher Establishment.	Companies on Lower Establishment.
	Woolwich Section, No. 29.		
	A—TELEGRAPH AND SURVEY APPARATUS, &c.		
	Bottles, ink, surveying	4	4
54	**Boxes,** moist colours	1	1
	Boxes, match	—	3
Engineers	**Cases,** clinometer and compass	1	1
9924	**Cases,** sketching, R.M.A.	2	2
	Chains, measuring 100 ft.	1	1
	Clinometers, mirror	1	1
	Compasses, magnetic, plane table	1	1
	Compasses, prismatic	2	2
	Cyclostyles*	1	1
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	Pins, drawing	36	36
	Protractors, cardboard, 12-inch	6	6
	Protractors, ivory, 6-in.	2	2
	Rods, boning, common sets	1	1
	Rods, measuring, common, 6 ft.	2	6
7901	**Rulers,** parallel, rolling, 1 ft. 3 in.	1	1
312	**Rulers,** plane, table, reconnaissance (Mark I)	1	1
	Rulers, plane, table, small	1	1
	Scales, mathematical, boxwood No. 1 sets	1	1
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	Set Squares, 9-in.	2	2
	Set Squares, 6-in.	2	2
	Sextants, pocket	1	1
	Tables, plane, reconnaissance (Mark I)	1	1
	Tables, plane, small	1	1
	Tapes, measuring, 100 ft.	3	4
	Tapes, measuring, 15 ft.	1	1
	Wire, covered, C 8 yds.	1,760	1,760

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FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XIII.

DETAILS FOR STAFF UNITS IN TIME OF WAR.

WAR OFFICE, 1901.

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WAR DEPARTMENT, RECEIVED FEB 25 1908 LIBRARY.

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ESTABLISHMENT.

The war establishments of staff units are published in War Establishments, 1898.

N.B.—Clerks will join their respective staffs armed and accoutred as in peace, and will then be supplied with such extra articles as are required for war.

For equipment of military police and A.S. Corps personnel (other than clerks), *see* Cavalry, Infantry, and A.S. Corps (Sections I, II, and III, of Part 2, Equipment Regulations) tables of details. The military police will join their staff units, fully equipped.

Arms and Accoutrements.

TABLE 1.	
Clerks, R.A., R.E., A.S.C., and A.O.C.	Serjeants and higher grades will be armed and accoutred as in peace; and, where not equipped with the carbine, will receive a pistol; case, brown, pistol, L.S.; lanyard, pistol; and pouch, ammunition, brown, pistol, infantry. Other ranks as in peace.
Post office clerks	As in peace for 24th Middlesex R.V. Corps.
Servants to staff officers	As for infantry, except that one ammunition pouch only will be issued.

Ammunition.

TABLE 2.		
Woolwich Section 23.		
Cartridges, small arm, ball, cordite	·303-inch, rounds	30 per rifle and 20 per carbine.
	pistol, Webley, ,,	12 per pistol.

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Harness and Saddlery.

TABLE 3.	
Woolwich Section 5.	
Harness, A.S. Corps, double sets* ..	1 per forage cart; 2 per G.S. wagon.
Woolwich Section 6.	
ARTICLES FOR REPAIR.	
Cord, whip .. .. .. oz.	1 per unit.

* For detail of sets, see Part I, Equipment Regulations.

Harness and Saddlery.

Miscellaneous Articles and Stable Necessaries.

TABLE 4.	
Woolwich Section 5.	
Bags { corn, 12-lb.	1 per riding horse of cavalry or M.M. police.
Bags { nose, G.S.	1 per horse.
Brushes { harness, hard	1 per double set of harness.
Brushes { horse	1 per public horse.
Combs, curry	" "
Pickers, hoof	1 per mounted W.O., N.C.O. and man.
Sacks, corn, 4-bushel	1 per 12 horses.
Scissors, trimming, pairs	1 to 15 public horses.
Sponges, G.S.	1 per public riding horse; 2 per draught horse.
Woolwich Section 10.	
Jacks, lifting, G.S.	1 per staff unit.

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TOOLS.

TABLE 5.	Staffs of Formations in the Field.					Staffs on Lines of Communication.		
	Army Corps.	Infantry Division.	Infantry Brigade.	Cavalry Division.	Cavalry Brigade.	Head Quarters.	Base Depôt.	Advanced Depôt.
Woolwich Section 7.								
Chisels, ripping	1	1	..	1	..	1	..	..
Drivers, screw, G.S., 9-inch.. ..	1	1	..	1	..	1	..	..
Hammers, riveting, 24-oz.	1	1	..	1	..	1	..	..
Woolwich Section 20.								
Knives, laboratory	1	1	..	1	..	1	..	..
Woolwich Section 25.								
Knives, opening tins	2 per wag	on carrying	preserved	meat.				

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CAMP EQUIPMENT.

TABLE 6.	Staffs of Formations in the Field.					Staffs on Lines of Communication.		
	Army Corps.	Infantry Division.	Infantry Brigade.	Cavalry Division.	Cavalry Brigade.	Head Quarters.	Base Depot.	Advanced Depot.
Woolwich Section 2.								
38407 Equipt. 1925 **Axes,** hand	5	2	1	2	1	21	10	5
Bags, leiter, field	6	4	3	4	3	4	2	3
38407 Equipt. 1925 **Boxes** { candle, F.S.	1 per lantern.							
Boxes { stationery, field ..	20*	3‡	2	3§	2	20	10	5
Buckets, water, G.S., canvas	1 per 4 horses.							
Chairs, camp	1 per G.O.C.							
Flags, distinguishing {	As required.							
Flags, distinguishing { poles, 16 ft. ..	As required.							
Flags, distinguishing { crossbars pairs	1 per distinguishing lantern.							
38407 Equipt. 1925 **Hooks,** reaping, large ..	20	10	2	10	4	20	5	10
Implements, butchers' ..	1 set per staff. (For details of sets, *see* App. VI, Part I, Equipment Regulations.)							
2018 **Kettles,** camp, oval, 12 quarts	1 per 3 officers, and 1 per 15 N.C.O. and men.							
2018 **Lanterns** { tent, folding ..	11	4	2	3	2	13	6	3
Lanterns { distinguishing ..	As required.							
Mallets, heel peg and small picket..	1 per 3 officers' horses, and 1 per 6 other horses.							
38407 Equipt. 2018 **Nets,** forage .. .. pairs	1 per horse.							
Pads, surcingle	1 per horse.							
2018 **Panniers,** grocery	2	1	1	1	1	1	1	1
Pegs, picketing	2 per horse.							

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51 Gen. No. 1618	**Racks,** arm, tent	1 per N.C.O. and man's tent.							
38407	**Ropes** { head, hemp, with ring heel .. .. picketing, 4-ft. 9-in. }	1 per horse; 15 per cent. of heel ropes additional, to allow two ropes each for unruly horses.							
Equipt. 2018	**Rugs,** horse, small	5 per cent. number of horses.							
	Stools, camp	18	4	2	4	2	10	8	2
	Surcingles, web, cavalry ..	1 per draught horse, and Mark I horse rug (not required with Mark II horse rugs).							
57 Gen. No 564	**Tables,** camp	12	4	2	4	2	5	5	2
	Tents.†								
	TOOLS, &c., FOR INTRENCHING.								
38407 Equipt. 1925	**Bars,** crow, 4 ft. 6 in... ..	1	1	1	1	1	1	..	..
	Woolwich Section 27.								
	Blankets, G.S.	1 per man, when specially ordered.							

† *See* Tables 10 to 18.
* Three to be fitted with patent locks.
‡ Including one for the P.M O.
§ Including one for the Field Intelligence Department, to be fitted with patent look.

38407 Equipt. 2618

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CARTS AND WAGONS.

(For Detail of Components, Accessories, Spare Parts, and Equipment issued with the carts and wagons, *see* Appendix, Part I, Equipment Regulations).

TABLE 7.	Staffs of Formations in the Field.					Staffs on Lines of Communication.		
	Army Corps.	Infantry Division.	Infantry Brigade.	Cavalry Division.	Cavalry Brigade.	Head Quarters.	Base Depot.	Advanced Depot.
Woolwich Section 4.								
Carts, forage	2	..	..	..	..	..	..	..
Wagons, G.S. .. .. .. {	5	2	1	2	1	..	..	..
	3*	2*	1*	2*	1*	..	..	..

* Only to be issued when tents, blankets, &c., are specially ordered.

MISCELLANEOUS STORES.

(Three months' supply, except for horse shoes.)

TABLE S.	
Woolwich Section 10.	
Shoes, horse (with nails) { fore .. / hind .. } sets	1 per horse.
Woolwich Section 11.	
Dubbing .. .. .. lbs.	$\frac{3}{4}$ per single set of harness and $\frac{3}{8}$ per set of saddlery.
Oil { Rangoon .. .. pts.	2 per 100 rifles or carbines (not less than 1 pint will be issued to any one unit).
Oil { rifle .. .. .. ,,	18 per 100 rifles or carbines.
Soap, yellow .. .. bars	$1\frac{1}{4}$ per double set of harness, $\frac{5}{16}$ per set of saddlery, and $\frac{3}{4}$ per man.
Woolwich Section 27.	
Flannelette .. .. yds.	30 per 100 rifles or carbines.
Woolwich Section 31.	
Blankets, horse, pieces (for repairs) .. .. .. lbs.	3 per 100 blankets.
Linen, old { for repair of nose bags, oz.	8 per 100 nose bags.
Linen, old { sheeting (for cleaning pistol) .. .. oz.	$\frac{3}{8}$ per pistol.

38407
Equipt.
1925

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SKETCHING INSTRUMENTS.

(For use of the Field Intelligence Department attached to the Staff of an Army Corps.)

TABLE 9.	Proportion per Mapping and Reproducing Section.
Woolwich Section 29.	
Barometer, aneroid, 4½-inch	1
40116 / 6604 **Clinometers** { mirror	1
Clinometers { cases	1
Dividers, common .. .. .. pairs	3
Instruments, drawing, R.E., in case sets	2
Protractors, ivory, 6-inch	2
Scales, mathematical, boxwood, No. 3 set	1
Sextants, pocket	1

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SCALE OF TENTS

(Active Service)

for Staff Units at Special Establishment.

TABLE 10.	Officers.	Other ranks.	Offices.	Guard.	Total.	Remarks.
Staff of an Army Corps	22	16	10	1	49	For distribution see Table 11.
„ an Infantry Division	7	7	3	1	18	„ „ 12.
„ „ Brigade	2	4	1	1	8	„ „ 13.
„ a Cavalry Division	9	4	2	1	16	„ „ 14.
„ „ Brigade	3	3	1	1	8	„ „ 15.
„ Headquarters, Lines of Communication	15	9	12	1	37	„ „ 16.
„ Base of Lines of Communication ..	6	7	5	1	19	„ „ 17.
„ an Advanced Depôt, Lines of Communication	4	4	2	1	11	„ „ 18.

Note.—General Officers Commanding will be provided with "Tents, complete, circular, linen, double," for their personal use; other ranks with "Tents, complete, circular, linen, single."

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Distribution of Tents for Staffs of Formations in the Field, with Officers attached.

ARMY CORPS.

TABLE 11.	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
G.O.C.	1	1	—	—	
3 A.D.C.	1	1	—	—	
D.A.G.	1	2*	1	—	* Clerks to D.A.G. and bâtmen.
2 A.A.G.	2		2	—	
4 D.A.A.G.	2	1		—	
O.C.R.A.	1	1		—	
A.D.C., R.A.	1			—	
Staff Officer, R.A. ..			1	—	
Chief Engineer	1	1		—	
A.D.C., R.E.	1			—	
Staff Officer, R.E. ..				—	
P.M.O.	1	1	1	—	
2 Medical Officers ..	1			—	
O.C., A.S.C.	1‡	2†	—	—	† Includes all A.S.C. details.
C.O.O.	1		1	—	
Principal Chaplain ..	1‡		—	—	‡ And for office.
P.V.O.	1			—	
Veterinary Officer ..		2	1	—	
Director of Telegraphs ..				—	
" Signalling ..				—	
Commandant	3			—	
Provost-Marshal ..			1	—	
Military police		3	1	—	
Post Office Corps ..				—	
Field Intelligence Dept. — A.A.G. ..	1	1	1	—	
Field Intelligence Dept. — 2 D.A.A.G.	1			—	
Headquarter guard ..	—	—	—	1	
Total tents	22	16	10	1	
	49				

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Distribution of Tents for Staffs of Formations in the Field, with Officers attached.

INFANTRY DIVISION.

TABLE 12.

	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
G.O.C.	1	1*	—	—	* Bâtmen.
2 A.D.C.	1		—	—	
A.A.G.	1	2†	1	—	† Clerks to A.A.G. and bâtmen.
2 D.A.A.G.	1			—	
P.M.O.	1		1	—	
M.O.				—	
Assistant Provost-Marshal	1	1	1	—	
Divisional Signalling Officer				—	
2 Chaplains	1			—	
Military police	—	2	—	—	
A.S.C. details	—		—	—	
Post Office Corps ..	—	1‡	—	—	‡ And for post office.
Divisional guard ..	—	—	—	1	
Total tents	7	7	3	1	
	18				

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Distribution of Tents for Staffs of Formations in the Field.

INFANTRY BRIGADE.

TABLE 13.	Tents.				Remarks.
	Officers.	Other ranks.	Office.	Guard.	
G.O.C.	1	1*	1	—	* Bâtmen.
A.D.C.	1				
Brigade Major					
Military Police	—	2	—	—	
A.S.C. details	—				
Clerk	—				
Post Office Corps ..	—	1†	—	—	† And for post-office.
Brigade guard	—	—	—	1	
Total tents	2	4	1	1	
	8				

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Distribution of Tents for Staffs of Formations in the Field, with Officers attached.

CAVALRY DIVISION.

TABLE 14.

	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
G.O.C.	1	1*	—	—	* Bâtmen.
2 A.D.C.	1				
A.A.G.	1	1†	1	—	† Clerks to A.A.G., and bâtmen.
2 D.A.A.G.	1				
O.C. R.H.A.	1‡				
O.C. M.I.	1‡				
Adj. R.H.A.	1	1	—	—	‡ And for office.
,, M.I.					
Chaplain	1‡				
D.A.A.G. (Field Intelligence Department)	1		1	—	
Asst. Provost-Marshal ..					
Military Police	—	1	—	—	
A.S.C. details	—				
Divisional guard ..	—	—	—	1	
Total tents	9	4	2	1	
	16				

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Distribution of Tents for Staffs of Formations in the Field, with Officers attached.

CAVALRY BRIGADE.

TABLE 15.	Tents.				Remarks.
	Officers.	Other ranks.	Office.	Guard.	
G.O.C.	1	1	1	—	
A.D.C.	1				
Brigade-Major					
Chaplain	1*	1	—	—	* And for office.
Military police	—				
A.S.C. details	—				
Clerk	—	1†	—	—	† And for post office.
Post Office Corps ..	—				
Brigade guard	—	—	—	1	
Total tents	3	3	1	1	
	8				

Note.—If the Brigade forms part of a Cavalry division, no chaplain will be attached, and 1 tent less will be required.

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Distribution of Tents for Staffs on Lines of Communication, with Officers attached.

HEADQUARTERS.

	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
Inspector-General ..	1	2*	1	—	* 1 for clerks to D.A.G.
D.A.G.	1		1	—	
A.D.C.	3		—	—	
5 D.A.A.G.		2	3	—	
2 A.A.G...	2				
C.R.E.	1	1	1	—	
Staff Officer, R.E. ..	1				
Director of Railways ..			1	—	
Chaplain..	1†		—	—	† And for office.
C.O.O.	1		1	—	
Chief Paymaster ..	1		1	—	
P.M.O.	1	2	1	—	
Medical Officer					
Veterinary Officer ..					
Provost-Marshal ..	2		1	—	
Military police		2			
Post Office Corps ..			1	—	
Guard	—	—	—	1	
Total tents	15	9	12	1	
	37				

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Distribution of Tents for Staffs on Lines of Communication, with Officers attached.

BASE DEPÔT.

TABLE 17.	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
Commandant	1	2	1	—	
Orderly Officer	2				
2 D.A.A.G.					
Field Officer, R.E. ..	1*		—	—	* And for office.
Ordnance Officer ..	2	1	1	—	
Medical „ ..			1	—	
Military police		2			
Post Office Corps ..		2	2	—	
Guard	—	—	—	1	
Total tents	6	7	5	1	
	19				

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Distribution of Tents for Staffs on Lines of Communication, with Officers attached.

ADVANCED DEPÔT.

TABLE 18.	Tents.				Remarks.
	Officers.	Other ranks.	Offices.	Guard.	
Commandant	1	1	1	—	
Orderly Officer	2				
2 D.A.A.G.		1			
Field Officer, R.E. ..	1	1	1	—	
Ordnance Officer ..					
Post Office Corps ..	—	1*	—	1	* And for post office.
Guard	—	—	—	1	
Total tents	4	4	2	1	
	11				

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11-inch, R.M.L., of 25 tons. 1899. Price 1*s.* 6*d.*

10-inch, B.L. 1900. Price 3*s.*

10-inch, R.M.L., and Mountings. 1899. Price 1*s.*

9-inch, R.M.L., and Mountings. 1899. Price 1*s.* 3*d.*

8-inch, R.M.L., Howitzer of 46 cwt. (Mark I.) For Movable Armament or Armament of Works. 1900. Price 1*s.* 6*d.*

7-inch, R.M.L., of 6½ and 7 tons, on Sliding and Moncrieff Carriage, Land Service. Price 1*s.* 6*d.*

6·6-inch, R.M.L., Howitzer, on Bed and Ground Platform, or on Siege Travelling Carriage. 1899. Price 1*s.* 6*d.*

6-inch, B.L., Howitzer of 30 cwt. (Mark I.) 1899. Price 2*s.* 3*d.*

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POSITION FINDING INSTRUMENTS. Handbook. 1895. Price 3*d.*

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Equipment
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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XIII.

DETAILS FOR STAFF UNITS IN TIME OF WAR.

WAR OFFICE, 1901.

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EQUIPMENT REGULATIONS.

AMENDMENTS AND ADDITIONS.

PARTS I AND II.

The following amendments will be made in the Equipment Regulations Parts I and II :— 54 Gen. No. 8845

PART I.

1. In paragraph 1, line 8, after "submarine mining" *insert* "defence electric lights, Brennan torpedo installations." Gen. No. 5 1310

2. In paragraph 11—*insert* at end of paragraph :— 54 Artillery 971

In a case where the officer taking over the command does not arrive until after the departure of the out-going commanding officer, the Regimental Board will be assembled prior to the departure of the out-going officer, and the senior officer remaining with the unit, will take over and be responsible for the equipment until it is handed over by him to the officer assuming command.

Page 9, Section II, Subsection III. 54 Gen. No. 8844

Delete "into store" from heading and the words "(Cancelled, see paragraph 25)" against paragraph 54.

Insert new paragraph as follows :—

54. Unserviceable or obsolete stores on charge of a unit may, under the authority of the General Officer Commanding, obtained through the Chief Ordnance Officer, be disposed of locally, to save the expense involved in transporting them to the nearest Army Ordnance Depôt for survey and condemnation. In giving effect to this arrangement the general rules to be observed in the condemnation of equipment are as follows :—

(*a*) The condemnation of stores will not be effected by the unit on whose charge they are held.

(*b*) Whenever possible, the condemning authority should be either an Ordnance Officer or a Garrison Board.

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(1435) A

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(*c*) At remote stations where there are insufficient officers to form a Garrison Board, it may be undesirable, in the interests of economy, to adopt either alternative mentioned in paragraph (*b*). In such cases the General Officer Commanding may instruct a competent military officer to examine the stores and, after consideration of his report, authorise their condemnation and local disposal. Officers should not be specially detailed for this duty, if, within a reasonable time, a qualified officer will visit the station in connection with other military duties.

(*d*) When stores condemned without return to Ordnance Store, under sub-paragraphs (*b*) and (*c*) or obsolete stores similarly situated, are to be disposed of locally, all necessary instructions as to their disposal will be given by the Chief Ordnance Officer.

3. The following will be *substituted* for paragraph 72 :—

54 S.E. of Scotland Artillery 13

72. The fired cases of 1-pr. Q.F. and ·303 inch small arm ball and blank cartridges supplied gratuitously, will be brought on charge by certificate in the percentages shown below, and returned each year, wherever practicable, to the Army Ordnance Depôts from which they were issued. The cases will be brought on by weight and not by numbers.

57 Vocaby. 5887

Nature of ammunition.	Percentage of fired cases which must be returned to store.	Weight per 1,000 cases.
		lbs.
1-pr. Q.F. service cartridge*..	100 per cent.	360
,, blank ,, *..	100 ,,	†
·303 inch ball	90 ,,	23
,, ,, blank Mark V ..	50 ,,	23
,, ,, ,, ,, VI ..	50 ,,	26¾
Pistol, Webley, ball and blank	90 ,,	10

* But any deficiencies accounted for to the satisfaction of the General Officer Commanding may be dealt with by him under paragraphs 539—541 King's Regulations.
† Particulars will be inserted when the pattern is sealed.

The rates to be charged for any deficiencies in the above percentages for ammunition supplied gratuitously, and amounts to be refunded to units returning fired cases of ammunition supplied on payment, will be governed by the rates included in the "Statement of prices obtainable at the Royal Arsenal to guide disposal of produce, &c." (published half yearly by the Principal Ordnance Officer, Woolwich), plus 25 per cent. for 1-pr. Q.F. cases. These rates will be notified in District Orders.

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Cases will be returned to store in the empty ammunition packages, once a quarter, and in the case of S.A.A. cases, officers commanding will not return a less weight than that representing 1,000 cases, except in the last quarter of the year, when the outstanding balance, whatever it may be, will be sent in. Cases must be in good condition when returned, care being taken that grit and dirt are removed, and that no live cartridges are included in them. Each package will contain a packing note signed by a responsible subordinate on A.F. G. 904, and commanding officers will certify upon the vouchers returning the cases that they have been carefully sorted before despatch. In the event of any live cartridges being found in any of the packages, the empty cases in that package will not be credited to the corps concerned, but will be brought on charge by certificate in the Army Ordnance accounts.

The number and date of the Ordnance voucher on which the cartridges were received will be quoted on the payment voucher of the officer charging the value of the empty cases.

4. The following will be *substituted* for paragraph 77. 38407 / Equipt. / 2070

77. The original report will be forwarded to the Chief Ordnance Officer for submission to the General Officer Commanding, and will be accompanied by A.F. G. 998 duly filled in. Further action will then be taken as follows :—

(*a*) When the report is forwarded by the General Officer Commanding to the War Office for decision, indents for any stores required in replacement, may be put forward on the Army Ordnance Department without waiting for the decision of the War Office in the matter. The date and number of the letter from the General Officer Commanding to the War Office will be quoted on the indents. 57 / Barbados / 3029

(*b*) When the General Officer Commanding approves or decides the action to be taken on a report, the date and registered number of such approval or decision, will be quoted on the indent on the Army Ordnance Department for any stores required to be replaced.

5. The following will be *substituted* for paragraph 88A :— 57 / St. Lucia. / 1134

88A. Should any deficient article for which a charge has been made be subsequently recovered, a refund of the amount paid may be made, if authorised by the General Officer Commanding. The refund will be supported by a reference to the cash credit, and to the voucher and account by which the returned article has been brought on store charge.

6. The following will be *substituted* for paragraph 89 :— 38407 / Equipt. / 2070

89. When stores on equipment ledger charge are condemned by proper authority as unfit for further service, or are lost or damaged through no fault of the troops, the reports of the boards of survey, or other authority will be attached to the voucher by which the

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articles are written off charge. Any stores required to be replaced, will be obtained as laid down in paragraph 77.

54
Gen. No.
8344

7. The following will be *substituted* for paragraph 89A :—

89A. All stores disposed of locally under paragraph 54, should be written off charge in the equipment account by certificate voucher on A.F. P. 1957. The paymaster to whom the amounts realised have been paid should duly certify this voucher, and the Chief Ordnance Officer of the district should approve it, before the stores are delivered to the purchasers.

54
Engineers.
336

8. After paragraph 124 *insert* :—

124A. Magazine rifles will be issued to the supernumerary staff Royal Engineers, for use at shooting competitions, rifle meetings &c., at all stations at which such an issue is desired. The arms will be held on charge by Commanding Royal Engineers in the equipment ledger of the supernumerary staff. The number issued must not at any time exceed 25 per cent. of the local strength of the R.E. supernumerary staff. A proportionate part of the cleaning materials allowed by Appendix VIII may be drawn.

54
Gen. No
8890

9. Paragraph 159.—Table, as amended by Army Order 262 of 1902.

Column 7—

Insert footnote against the allowances of aiming tube cartridges shown for Cavalry, Engineer, and Infantry recruits :—

"|| This may be drawn at depôts, if the General Officer Commanding considers it necessary."

Amend footnote * by striking out first sentence.

A.C.D.
India
1021

10. The following will be *substituted* for paragraph 261 :—

261. "Chests, clothing or school materials" will be issued to the troops, and to schoolmasters on first appointment, in the proportions laid down in Appendix XVII. They will be renewable after 15 years, if unserviceable. The chests in possession of schoolmasters will be accounted for by the officer under whom they are serving.

Units on proceeding to India will not take any "chests, clothing" they may have on charge, but will arrange for their return to store prior to embarkation. These instructions do not apply to chests in possession of schoolmasters.

54
Gen. No.
8845

11. *After* paragraph 264 *insert* the following :—

Bicycles.

Army Order
213
02

264A. Cycles for cyclist orderlies, will be supplied by the Army Ordnance Department, and held on ledger charge of units, &c., in the following proportions :—

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Headquarters of	an Army Corps	not exceeding	3
,,	a Division or District	,,	2
,,	a Brigade	,,	1
,,	a Regiment of Cavalry, Brigade of Artillery, Battalion of Infantry, and such corresponding units of other arms of the service on the recommendation of the General Officer Commanding		1

264B. Commanding officers will be held responsible that Government cycles are used only on military duty, and, in the event of their units proceeding on foreign service, that the cycles, accessories, &c., on their charge, are returned to the Army Ordnance Department prior to departure.

264C. Cleaning materials, &c., will be allowed in the proportions laid down in Appendix VIIID.

Lamp oil and wick will be obtained from the officer in charge of barracks.

Materials for repair of punctures will be supplied, and any necessary repairs executed by the Army Ordnance Department.

12. The following will be *substituted* for paragraph 290 :— 54 / 63 / 87

290. The inside of the flap of the valise, will be marked in marking ink, with the same marks as the other accoutrements, by means of the metal stamps supplied. In the case of the Foot Guards, the approved designation will be stencilled on the outside of the flap in 1-inch letters and numerals. Stamps for cutting these stencils may be obtained on loan from the Army Ordnance Department. 54 / Gen. No. / 8766

Cancel paragraphs 291, 292, 293, 295 and 296.

13. In paragraph 297 the following will be *substituted* for lines 1 to 5 :—

White paint will be issued for marking the outside of the flaps of valises in possession of the Foot Guards.

Delete lines 12 to 14.

Paragraph	300 (*c*).	*Delete*—"or green."
		Insert after "off"—"(Foot Guards only)."
,,	300 (*e*).	*Insert* at end—"(Foot Guards only)."

Cancel paragraph 301.

14. In paragraph 349 :— 77 / 26 / 3217

After "star" in line 5, *insert* :—

"A star on the pommel of sword-bayonets, pattern 1888, denotes that the pommel is cut or otherwise blemished."

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54
Gen. No.
8845
A.C.D.
India
1021

15. Paragraph 372, page 81, Table 6 :—

Insert—

Bicycles	3
Delete "Box, school materials.....	12 "
Insert "Chests, clothing or school materials....	15 "

54
Gen. No.
8911

16. In Appendix II, as amended by Army Order 144 of 1902 :—

Add—

Mess Tins.

22. Drafts proceeding from Indian or Home or Colonial stations and *vice versâ* will retain possession of their mess tins, together with mess-tin straps in the case of mounted men, and mess-tin covers in the case of dismounted men. Valuation returns will not be rendered for these articles, except in the case of armourer serjeants, when they will be included in the valuation returns in common with other equipment. Care will be taken that all unserviceable tins, &c., are replaced before embarkation.

Mess tins, mess-tin covers and straps in possession of units proceeding from Home to India and *vice versâ* will be included in valuation returns in the same manner as other articles of equipment.

57
Gen. No.
3493

17. Appendix VI, page 127 :—

"Lanterns, tent, folding."

To present detail *add*—

"1 per tent may be issued, under authority of the General Officer Commanding in countries where there is no twilight."

54
Gen. No.
8785

18. Appendix VI :—

Table 1, page 128, *delete* "Pads, surcingle" } and detail.
" " 129, " "Surcingles, web" }
Table 3, " 134, " "Pads, surcingle" } and detail.
"Surcingles, web" }

Insert "Rugs, horse | All units. — 1 per public horse | ".

" " 138, *delete* "Blankets, saddle," and detail.

54
Engineers
363

19. Appendix VII, Table "A, page 144 :—

After—

"Posts, picket"

Insert—

"Trucks, miners"	—	12	—	—	—	—	—	—	—	2

After—

"Carts, watering, box"

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Insert—

"Casks, water, 108 galls."	—	—	1	8	—	—	—	—	—	8

NOTE.—Only allowed for casks stored separately. The quantities allowed for the carts, water are sufficient for both cart and barrel.

20. Appendix VII, Table "B," page 147 :—

After—

"Posts, picket"

Insert—

"Trucks, miners"	—	—	0—30	0—0¾	0—45	0—1⅓

After—

"Carts, watering, box"

Insert—

"Casks, water, 108 galls."	1—0	0—1*	1—40	0—2½*	2—0	0—3*

* Only allowed where casks are stored separately.

21. Appendix VIIIB, page 173 :— 54 / Gen. No. 8893

"Straps, supporting, front."

For "breast-plate" in Remarks column,
Read "breast-piece."

22. *After* Appendix VIIIc, page 207 :—

Insert—

APPENDIX VIIID.

(Referred to in paragraph 264c.)

Materials for the Care and Preservation of Bicycles.

Scale for 1 Bicycle.

Brush for cleaning spokes, &c. ..	1	Annual issue.
Dubbing	½ lb.	
Jelly, mineral	¼ lb.	
Linen, old	1½ lbs.	
Oil { paraffin	1 quart†	
Oil { Rangoon	½ pint	
Tallow, Russian	1 lb.	
Brushes, shoe { blacking ..	1	Biennial issue (R.A.C.D. supplies).
Brushes, shoe { polishing ..	1	

† A.S.C. supply.

54 / Gen. No. 8845

23. Appendix X. For paragraph 3, *substitute* :— 57 / Gen. No. 3852

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3. In addition to the above-named "corps marks," there are a number of details, chiefly for regimental convenience, marked on certain vehicles, such as the nature of gun, number or letter of subdivision, number of wagon, &c. These details are not to be mixed up with the corps marks, and will be placed as in Table 4. The general principles indicated in that table should be followed in marking any vehicles for which specific details are not given.

Table 4, page 224 :—

"Carts S.A.A."—

Amend "Nature and position of marks" *to read*—

"Title of unit on near side at front, and number of cart and the words "S.A. Ammn." on rear."

54 / Artillery / 532

24. Appendix XIV, Table 1, page 262 :—

For

"Cordage { bolt, white, 3-inch / ,, ,, $1\frac{3}{4}$,, / shroud laid $2\frac{3}{4}$,, } and detail."

Substitute—

	Offs.	Single sets.			
	5 sets.	5	8	25	40
Cordage { hemp, bolt, 3-strand, white, 3-in., fms.	..	..	..	6	12
	..	..	..	8*	15*
,, ,, 3 ,, ,, $1\frac{3}{4}$,,	..	..	..	12	24
trace, $2\frac{3}{4}$-inch	..	..	..	4	7
	..	..	..	5*	9*

* "These proportions will only be drawn by units in possession of traces with short piping."

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25. For Table 2, Appendix XIV, page 266, *substitute* :— 54 / Artillery. / 162

MATERIALS FOR PRESERVATION OF HARNESS AND SADDLERY.

Table 2.	Peace (12 Months' Supply).			War (3 Months' Supply).		Remarks.
	Harness (per Single Set).		Saddlery (per Set).	Harness (per Double Set).	Saddlery (per Set).	
	R.A., R.E., and Regimental Transport.	A.S. Corps.				
Woolwich Section 11.						
Dubbing ... lbs.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$1\frac{1}{2}$	$\frac{3}{8}$	
Oil, rape ... pints	$2\frac{1}{4}$	$3\frac{1}{4}$	$\frac{3}{4}$†	—	—	
Soap { soft ... lbs.	6	$6\frac{1}{2}$	$\frac{1}{2}$	—	—	
Soap { yellow bars	$2\frac{1}{2}$	$3\frac{1}{4}$	$2\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{16}$	

26. The following will be substituted for Appendix XVI, page 278. V / 7/60 / 289

APPENDIX XVI.

(Referred to in paragraph 31.)

CONDITIONS GOVERNING SALE OF CARBINES AND RIFLES TO OFFICERS.

Officers on the active list of the Regular and Auxiliary Forces, are permitted to purchase carbines or rifles at vocabulary rates under the following conditions :—

(1) The rifle or carbine will be kept for the sole and exclusive use of the officer purchasing it, and will be produced for inspection annually, and at any other time when required. No officer may be in possession of more than one such arm at one time.

(2) Should the holder at any time desire to surrender his arm, he may return it into the regimental store, receiving a receipt for the same, but no refund of purchase money will be made by Government on surrender. It will then be open to another officer of the corps to apply for and draw it, on signing the certificate in (5). Any payment by a future holder must be arranged privately between him and the last holder.

(3) The course laid down in (2) will be followed in the case of the original or any subsequent holder of an arm retiring from the service. In the case of an officer who owns a rifle being transferred to, or exchanging into another unit, the rifle may with the consent

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of the Commanding Officer be also transferred, the usual receipt and issue vouchers being passed, and the transaction recorded in the equipment accounts of the two units. The same course will be followed in the case of staff officers owning rifles, transferred from one district to another, or from a unit to the staff or *vice versâ*, the rifle being accounted for as laid down in paragraph 4.

(4) Arms so purchased will be issued on prepayment by the Chief Ordnance Officer, in the case of regimental officers, through the officer commanding the unit, and in the case of staff officers through the chief staff officer, credit being given to the public in the accounts of the District Paymaster.

Arms purchased by staff officers will be marked "staff," and accounted for by the Chief Staff Officer of the district or station in his equipment ledger. Those purchased by regimental officers will be marked with the corps mark, an "S," and a consecutive number of the unit, and will be taken on charge in the regimental equipment ledger, in a separate column from the ordinary regimental arms, and shown in the distribution list at the beginning of the ledger. A voucher signed by all the officers concerned acknowledging possession of such arms on the day of closing the account will be rendered with the ledger.

(5) Certificates to be signed by all officers desiring to purchase a Government rifle or carbine :—

> "I hereby certify that the Government rifle or carbine, which I desire to purchase, is for my sole and exclusive use, and I promise that on no account will I at any time dispose of, lend, or part with the same to any other person whomsoever. I further bind myself to observe all the regulations governing the purchase of service arms by officers."
>
> "(Signed).....".

This certificate to be made out in the officer's handwriting, and to accompany the application for purchase.

(6) Should an arm so purchased be lost or stolen, an immediate report is to be made by the holder to his commanding officer, who will deal with the case under paragraphs 539–541, King's Regulations, as if the rifle had remained public property.

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27. Page 279. *Insert* new Appendix as follows :— A.C.D. India 1021

Appendix XVII.

(Referred to in paragraph 261.

Chests, Clothing, or School Materials.

	Number allowed to each unit.	
Cavalry regiments	4	A.C.D. W.I.A. 169
„ depôts	1	
Royal Artillery—		
Horse and field batteries and the riding establishment ..	2	A.C.D. S. Gunnery 1799
Companies, including School of Gunnery, Jamaica and Sierra Leone Companies	2	
District establishment, Southern and Western Districts ..	3	
„ „ South-Eastern and Thames Districts, Malta, Gibraltar and Halifax, N.S.	2	A.C.D. Malta A. 365
All other units, including local companies	1	
Royal Malta Artillery	1	
Royal Engineers—		
Companies (other than Field or Submarine Mining) and for the supernumerary staff at Aldershot and Gibraltar	1	A.C.D. Gib. E. 336
All other units, including sections of Coast Battalion and Telegraph Battalion; and section of a submarine mining company when detached, and local companies	2	
Infantry—		
Battalions	2	
Regimental depôts	1	
Battalion, West India Regiment	3	
Detachment „ „ at St. Lucia	1	
Army Service Corps—		
Depôt companies	3	
Other „	2	
Detachment at Gibraltar and Staff Clerks' Depôt	1	
Royal Army Medical Corps—		
Companies	1	A.C.D. A.O.C. 69
Depôts	3	
Army Ordnance Corps—		
Companies	2	
Depôt	4	A.C.D. Mil. P. 1831
School of Musketry	1	
Military Police Corps, Cairo	1	
Schoolmasters (on first appointment) .. .. .. each	1	

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PART II.

V / Gen. No. / 4356

28. The following amendments will be made as regards the proportions of "Reflectors, mirror," allowed :—

Section.	Table.	Page.	Detail to read.
II	1	2, 12	3 per squadron
IV	1	2	2 per company
XVI	1	35	2 per company
XVI	1	41	2 per company
XVI	1	57	3 per company

54 / 63 / 87

29. Part II, Section IV, Table 7, page 5 :—

Delete—

{ Brushes, stencil / Plates, stencil } and detail.

57 / 10 / 2717

30. Part II, Section VI, Table 2, page 2 :—

"Cartridges, S.A., blank ·303-in."
For "65" *read* "100."

7852 / 5541

31. Part II, Section VI page 3, *insert* new Table, as follows :—

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Signalling Equipment.

Table 5.	Proportions.	Remarks.
Woolwich Section 25.		
Matches, Bryant & May's doz. boxes	6	Annual supply.
Woolwich Section 27.		
Cotton, waste, white .. .. lbs.	18	ditto.
Woolwich Section 28.		
Cans, tin, with removable spout, 1 gall.	3	
Flags, signal, army :—		
Blue { 3 ft. square	40	
Blue { 2 ft. „	40	
White with stripe { 3 ft. square.. ..	40	
White with stripe { 2 ft. „	40	
Poles { 5 ft. 6 in...	100	
Poles { 3 ft. 6 in...	100	
Heliographs, 5 in.	6	
Keys, dummy, signallers	80	
Lamps, signalling, "B"	18	
Chimneys, glass .. .. doz.	4½	ditto.
Wick, 2⅝ in. .. .. yds.	9*	ditto.
Telescopes, signalling	18	
Stands { lamp or heliograph	6	
Stands { telescope signalling	18	
Woolwich Section 29.		
Watches stop	1	
Not in Vocabulary.		
Oil, kerosine .. .. .. galls.	54*	

* A.S.C. Supplies.

32. Part II, Section VII, Table 1, page 4 :— 57 / 9 / 2252

After—

"Reflectors, mirror"

Insert—

"Rifles, magazine, M.T. .... | 12

"Tubes, aiming, ·23-inch { M.L.M. rifle .... | 12
Brushes, cleaning
Rods, cleaning .... } | 1 per tube, annual supply."

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For Table 3, *substitute*—

Table 3.	Proportions.
Woolwich Section 23.	
Cartridges, small arm, ball, cordite ·303 inch Pistol, Webley ..	500 rds. 100 rds. 18 months' allowance per cadet.
Cartridges, aiming tube...	25 rds.
(*For Machine Guns.*)	
Cartridges, S.A. 303-inch, cordite ball .. .. blank	5,000 rds. 5,000 „ per machine gun annually.

57 / 9 / 2252

33. *Insert* new table as follows :—

MACHINE GUNS.

Table 5.	Proportions.
Woolwich Section 15.	
Carriages, field, machine gun, infantry Maxim, Mark III	2*
Mountings, tripod, ·303-inch Maxim Gun, Mark II ..	2*
Guns, Maxim, ·303-inch	4*
Woolwich Section 27.	
Pack saddlery machine gun, ·303-inch, for Mark II tripod mounting .. .. sets	2*

* Complete with equipment, spare parts, &c., in accordance with Equipment Regulations, Part II, Section I (Infantry Details), except, that in the case of pack saddlery, only 1 ammunition saddle is issued with each set.

23 / Gen. No. / 2212

34. Part II, Section IX, Table 3 :—

"Cartridges, aiming tube,"

Amend proportions to *read* :—

"An annual allowance not exceeding 25 rds. per prisoner accommodated during the year."

54 / S.E. of Scotland Artillery / 13

35. Part II, Section XVI, the following will be *substituted* for paragraphs 111 and 112 :—

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111. The fired cases of ·303-inch small arm ball and blank cartridges, supplied gratuitously, will be brought on charge by certificate, in the percentages shown below, and returned each year, wherever practicable, to the Army Ordnance Depôts from which they were issued. The cases will be brought on by weight and not by numbers.

Nature of ammunition.	Percentage of fired cases which must be returned to store.	Weight per 1,000 cases.
		lbs.
·303 inch ball	90 per cent.	23
,, ,, blank Mark V ..	50 ,,	23
,, ,, ,, ,, VI ..	50 ,,	26¾
Pistol, Webley, ball and blank	90 ,,	10

The rates to be charged for any deficiencies in the above percentages for small arm ammunition supplied gratuitously, and amounts to be refunded to units returning empty cases of ammunition supplied on payment, will be governed by rates which will be included in the "Statements of prices, obtainable at the Royal Arsenal, to guide disposal of produce, &c.," published half yearly by the Principal Ordnance Officer, Woolwich. These rates will be notified in District Orders.

112. The number and date of the Ordnance voucher on which the cartridges were received should be quoted on the payment voucher of the Officer charging the value of the empty cases.

36. Paragraph 161, page 28, 4th line from bottom :— 54

Delete "stencil plates." 63

Table, page 29 :— 87

Delete from "For valises" to end.

37. Paragraph 163—

Delete from "On the outside of the flap" to end.

Insert new paragraphs as follows, which will replace paragraph 786, "Militia Regulations" :—

163A. The following allowances will be granted for marking accoutrements :—

	s.	d.
For every 300 water bottles, carriages for same, oil bottles, frogs (sword and bayonet), slings (rifle and carbine), waist belts, braces, pouches, straps and cases for pioneers' shoeing tools, mess tins and covers, and the insides of flaps of valises....	0	9
To each unit annually for the purchase of marking ink for use with the metal stamps...	2	0

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163B. These allowances will be charged in the regimental pay-lists on the authority of the Chief Ordnance Officer, and will be vouched in each case by a certificate showing the number and descriptions of articles marked, the date, and from what depôt they were issued.

57
Malta
2933

38. Part II, Section XVII. (Imperial Yeomanry Details.)

Insert new paragraph as follows :—

60A. Dummy cartridges will be allowed for instructional purposes in the proportion of 284 per squadron.

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PATHOLOGICAL SPECIMENS IN THE MUSEUM OF THE ARMY MEDICAL DEPARTMENT, NETLEY. Catalogue. 1892. Price 5*s*.

RAILWAYS DURING THE WAR IN SOUTH AFRICA. 1899–1902. Price 4*s*.

RATIONS. SOLDIERS'. Lecture on the Mode of Provision and Inspection of. 1898. Price 1*d*.

SADDLES AND COLLARS. Sore Backs and Shoulders. A Manual of. By Veterinary Major F. SMITH. Third Edition. Price 1*s*.

FIELD SKETCHING AND RECONNAISSANCE. Manual of. Price 1*s*. 6*d*.

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EXPLOSIVES. SERVICE. Treatise on. 1895. Price 2*s*.

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13-PR., R.M.L., of 8 cwt. (Movable Armament.) 1900. Price 1*s*.

12-PR., of 12 cwt. Q.F. (Land Service.) 1903. Price 9*d*.

9-PR., R.M.L., of 6 cwt. and 8 cwt. (Movable Armament.) 1901. Price 1*s*.

7-PR., R.M.L., of 150 LB. (Mark III.) and 200 LB. (Mark IV.) 1899. Price 2*s*. 6*d*.

6-PR. Hotchkiss. Q.F. (Land Service.) 1900. Price 6*d*.

3-PR. Hotchkiss. Q.F. (Land Service.) 1900. Price 1*s*.

6-PR. Nordenfelt. Q.F. (Land Service.) 1900. Price 6*d*.

3-PR. Nordenfelt. Q.F. (Land Service.) 1900. Price 1*s*. 6*d*.

1-PR. Q.F. 1902. Price 1*s*. 6*d*.

12·5-inch, R.M.L., of 38 tons. (Marks I and II.) 1899. Price 1*s*. 6*d*.

12-inch, B.L. 1899. Price 1*s*. 6*d*.

11-inch, R.M.L., of 25 tons. 1899. Price 1*s*. 6*d*.

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40185
9583

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

WAR OFFICE
OFFICE CHIEF OF STAFF
No. 2577-b
1904
MILITARY
INFORMATION DIVISION.

PART 2.—SECTION III.

ARMY SERVICE CORPS DETAILS.

WAR OFFICE, 1904.

LONDON:
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PART 2.—DETAILS OF EQUIPMENT.

SECTION III.—ARMY SERVICE CORPS.

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Sect. III. Army Service Corps.

Arms.*

	TABLE 1.	Proportion. Peace.	War.
	Weedon Section.		
54 / A.S.C. / 2795	**Carbines,** M.M. or M.E., Artillery	1 per serjeant (mounted and dismounted) and rank and file	1 per dismounted officer, warrant officer, staff serjeant, serjeant (mounted and dismounted), and rank and file (excepting those with medical units)
	Bottles, oil	1 per carbine and 5 per cent. spare	1 per carbine
	Protectors, front sight, No. 1†		
	Pull throughs ..		
	Pull throughs, double ..	10 (with 2 spare cords and gauzes to each) per 100 carbines	As for peace
57 / 3 / 73			
	Reflectors, mirror	2 per company ..	As for peace
V / Gen. No. / 4356	**Pistols** Webley ..	4 per company for instructional purposes	1 per mounted warrant officer and others armed with cavalry swords (excepting those with medical units)
	„ rods		
	cleaning L.S.		
57 / Gen. No. / 2630	**Pump,** mineral jelly.. ..	1 per unit.. ..	As for peace.
	Sword-Bayonets, pattern 1888	1 per dismounted serjeant trumpeter, and rank and file	As for peace
	Swords cavalry, pattern '90 or '99	1 per mounted warrant officer, staff serjeant (transport branch), and trumpeter	As for peace (excepting those with medical units)
	staff serjeants, pattern '98	1 per dismounted warrant officer, and staff serjeant	———
	Scabbards sword-bayonet, pattern 1888	1 per sword bayonet	As for peace
	sword, cavalry pattern	1 per cavalry sword	As for peace
	sword, staff serjeant's, pattern '97.	1 per staff serjeant's sword	———
40185 / 9583	**Tubes,** aiming, M.M. and M.E. carbines ·23 inch ..	1 of each per company,	———
	brushes, cleaning rods, cleaning	1 of each per detachment where considered necessary,	———
	Carbines, M.T, M.M. or M.E., Artillery	2 of each per Depôt company.	———
40185 / 9583			

* N.C.O.'s and men, Mechanical Transport, will be armed and equipped as dism
N.C O.'s and men. † For carbines without protecting wings to front

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Service Ammunition.

TABLE 2.	Peace. — Home and abroad.	War. — To be carried on the soldier.
Woolwich Section No. 23.		
Cartridges, small-arm, ball, cordite — ·303-in.	20 per carbine	20 per carbine.
Cartridges, small-arm, ball, cordite — pistol, Webley ..	12 per pistol ..	12 per pistol.

Articles for Musketry Instruction (for Peace only).

Depôt Companies only.

(Referred to in para. 138, Part I, Equipment Regulations, 1902.)

TABLE 3.	Proportion.	
Weedon Section.		
Actions, skeleton — pistol, Webley..	1*	77
Actions, skeleton — M.M. and M.E. carbines (with butts)	3	19
Aim correctors	8	1406
Implements, action, M.H.	3	54
		Gen. No. 8520

* Also for Service Companies. Depôt Company at Aldershot allowed one extra.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Part I, Equipment Regulations.

Accoutrements.

TABLE 4.	Proportions. Peace.	Proportions. War.	
Woolwich Section No. 1.			
Bags, spare, field kit (valise)	All ranks (dismounted).	As for peace	
Bags, spare, field kit (wallet)	All ranks (mounted)	As for peace	
Bandoliers, ·303-in ammunition	—	1 per dismounted warrant officer, staff serjeant, mounted serjeant, and mounted man, (excepting those with medical units)	54
			A.S.C. 2795

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Accoutrements—*continued.*

TABLE 4—*continued.*	Proportions. Peace.	Proportions. War.
Woolwich Section No. 1—cont.		
Belts, pouch, buff, G.S. ..	1 per dismounted warrant officer and staff serjeant	———
Belts, waist, cavalry, pattern '85, O.R.	1 per mounted warrant officer, staff serjeant (transport branch) and trumpeter	As for peace (excepting those with medical units)
Belts, waist, warrant officers, G.S.	1 per staff serjeant's sword	———
Bottles, water, enamelled, L.S.*	All ranks	As for peace
Cases, brown, pistol, L.S. ..	1 per pistol ..	1 per pistol
Covers, mess tin, dismounted services	All ranks (dismounted)	As for peace
Frogs, buff, bayonet, G.S. ..	1 per sword bayonet	As for peace
Handcuffs, common .. pairs	2 per company ..	As for peace
Haversacks, dismounted services	All ranks (dismounted)	As for peace
Haversacks, mounted services	All ranks (mounted)	As for peace
Knots, sword, buff, cavalry, line, O.R.	1 per cavalry sword	As for peace
Knots, sword, buff, W.O.'s ..	1 per staff serjeant's sword	———
Lanyards, pistol	1 per pistol ..	1 per pistol
Pouches, ammunition, brown, pistol, infantry	1 per pistol ..	1 per pistol
Pouches, writing materials, conductors	1 per dismounted warrant officer, and staff serjeant	———
Slings, carbine, buff, artillery	1 per carbine ..	1 per carbine
Straps, mess tin, mounted services	1 per tin, mess (mounted ranks)	As for peace
Straps, web, water-bottle, dismounted services	All ranks (dismounted)	As for peace
Straps, web, water-bottle, mounted services	All ranks (mounted)	As for peace

A.C.D. 38 519

54 Gen. No. 8698 ... 8580 ... 8037

* For repair of the bottles the following material will be allowed annually :—

Water bottles, Mark V and above—
- **Cords**, 5 per cent. of bottles in possesion.
- **Corks**, 5 per cent. of bottles in possession.
- **Covers**, felt, 10 per cent. of bottles in possession.

Other marks—
- **Buffstrips**—5 per cent. of bottles in possession with 2 rivets and washers per strip.
- **Chains**, with end rings, spare—3 per cent. of water bottles on charge.
- **Corks**, complete, without chains, spare—10 per cent. of water bottles on charge.
- **Covers**, water-bottle, enamelled—10 per cent. of water bottles on charge.

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Accoutrements—*continued.*

TABLE 4—*continued.*	Proportions.	
	Peace.	War.
Woolwich Section No. 1—cont.		
Tins, mess { dismounted services	All ranks (dismounted)	As for peace
Tins, mess { mounted services	All ranks (mounted)	As for peace
Valise equipment, pattern 1888, buff:—		
Belts, waist, G.S. ..	1 per serjeant, dismounted trumpeter, and all rank and file	1 per dismounted serjeant, trumpeter, and rank and file
Braces { left / right }	1 per dismounted serjeant, trumpeter, and rank and file	As for peace
Pouches, ammunition, ·303-in 50-rounds	1 per serjeant, and rank and file	1 per dismounted serjeant, and rank and file
Straps { great-coat ..	2 per valise and 1 per dismounted W.O. and Staff serjeant	As for peace
Straps { mess tin (dismounted services)	1 per mess tin, dismounted services	As for peace

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Articles for Repair of Accoutrements.

TABLE 5.

Annual Supply.	Proportions for: One Company Mounted service. Service. Higher Establmt.	Lower do.	Depôt.	50 sets of Accoutrements for. Mounted men.	Dismounted men.
Woolwich Section No. 1.					
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	6	2	11	7	...
Billets, buff, G.S.	...	...	...	...	1
Buckles, brass, waist-belt, billet, cavalry, line ...	1	1	2	1	...
Buckles, gilt, waist-belt, infantry	...	...	...	...	1
Buttons, brass	2	1	4	3	...
Carriages, waist-belt, buff, cavalry, line, long ...	1	1	1	...	...
Carriages, waist-belt, buff, cavalry, line, short ...	1	1	1	...	...
Carriages, waist-belt, buff, infantry, long ...	...	...	...	...	1
Carriages, waist-belt, buff, infantry, short ...	...	...	...	...	1
Fronts, frog, buff, G.S.	...	...	...	...	1
Hooks, brass, side, cavalry, line	...	...	...	...	1
Hooks, brass, snake	1	1	2	1	...
Hooks, gilt, side, G.S.	...	...	...	...	1
Loops, gilt, waist-belt, with eye	...	...	...	...	2
Rings, brass, waist-belt	1	1	1	...	...
Rivets, copper, tinned, $\frac{3}{8}$-in. by 12-in. gauge ozs.	...	...	...	...	1
Rivets, copper, tinned, $\frac{1}{2}$,, ,, 10 ,, ,, ... ,,	...	...	...	...	1
Safes, waist-belt, buff, infantry, S.S.	...	...	...	...	1
Studs, brass, ammunition bag	...	...	...	...	1
Valise equipment, pattern 1888:—					
Buckles, brass, brace	...	...	...	...	1
Buckles, brass, chafe brace	...	...	...	...	1
Buckles, brass, coat strap	...	...	...	...	1
Buckles, brass, mess-tin strap	...	...	...	...	1
Buckles, brass, waist-belt, $1\frac{3}{8}$-in.	...	...	...	...	1
Buckles, brass, waist-belt, 1 ,, ...	...	...	...	...	1
Buckles, brass, waist-belt, $\frac{7}{8}$,, ...	...	...	...	...	1
Loops, brass, brace	...	...	...	...	1
Loops, brass, pouch, patt. '94 $1\frac{5}{16}$-in.	...	...	...	...	1
Loops, brass, pouch, patt. '94 1 ,, ...	...	...	...	...	1
Loops, brass, waist-belt, $1\frac{3}{4}$-in.	...	...	...	...	1
Loops, brass, waist-belt, 1 ,, ...	...	...	...	...	1
Loops, buff, pouch	...	...	...	...	2
Loops, buff, strap, mess tin	...	...	...	...	2
Patches, leather, buff, brace	...	...	...	...	1
Patches, leather, buff, pouch	...	...	...	...	2
Runners, leather, buff, brace	...	...	...	...	2
Runners, leather, buff, waist-belt	...	...	...	...	2
Safes, leather, waist-belt, buff	...	...	...	...	1
Studs, brass, Mark IV, pouch	...	...	...	...	2

NOTE.—Repairs to station staff accoutrements will be carried out by companies at the station.

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Musical Instruments.

TABLE 6.	
Woolwich Section No. 1.	
Bugles	1 per company, peace and war.
Trumpets	
Strings, bugle and trumpet, green	1 per bugle and trumpet. *Extra for training boys.* 10 bugles (with strings) and 10 trumpets (with strings) for Transport Depôt, Aldershot. 8 bugles (with strings) and 8 trumpets (with strings) for Transport Depôt, Woolwich.

Camp Equipment.

Camp equipment for peace will be drawn to the scale laid down in Part I, Equipment Regulations.

WAR.

TABLE 7.	Proportions. War.	
Woolwich Section No. 2.		
Boxes, candle, F.S.	5 per company.	
Boxes, stationery, field* ..	2 ,,	
Buckets, canvas, G.S.	1 per 2 horses.	57 / Salisbury / 382
Kettles, camp, oval, 12 quart ..	1 per 3 officers and 1 per 15 warrant and N.C. officers and men.	
Lanterns, tent, folding	5 per company.	
Mallets, heel peg and small picket	1 per 6 horses.	
Pads, surcingle	1 per horse.	
Panniers, grocery, G.S., with padlocks and keys	1 per company.	
Pegs, picketing, with rope loop, Mark II	1 per horse for head ropes, 25 per cent. for heel ropes.	57 / Salisbury / 150
Ropes, head, hemp, with ring ..	1 per horse.	
Ropes, heel, Mark IV	25 per cent. for unruly horses.	57 / Gen. No. / 1618
Ropes, picketing, 4 ft. 9 in. ..	1 per horse.	

* Peace also.

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Camp Equipment—*continued.*

TABLE 7—*continued.*	Proportions. War.
BUTCHERS' IMPLEMENTS.	
Woolwich Section No. 26.	
Balances, spring, 4 lb.	1 per company.
Implements, butchers' — cases, wood, Mark II ..	1 per company.
sheets, ground (unserviceable)	1 per company.
choppers, meat, Mark III ..	1 per company.
hooks, butchers', dressing, 9 in.	6 per company.
knives, butchers', cutting.. ..	1 per company.
knives, butchers', flaying, large ..	1 per company.
saws, tenon, 14-in.	1 per company.
steels, butchers'	1 per company.
steelyards, 56 lbs.	1 per company.

Vehicles.

(For wagon equipment, &c., see also, Part I, Equipment Regulations).

TABLE 8.	Proportions. Peace and War.
Woolwich Section No. 4.	
57 / Gen. No. / 5244 — **Aprons,** wagon, bread and meat ..	6 per company higher establishment; 3 „ lower „
Axletrees, hind* .. .. spare	1 per company.
Bars, splinter, wagon, G.S., lock under	1 „ war only.
Carts, forage	1 per company, war, excepting company with cavalry brigade, which has 2.
Carts, water, barrel (or tank) ..	For war, 2 per company with corps troops and infantry divisions; 3 per company with infantry brigade, 1 per company with cavalry brigade and 8 per field bakery.
Chains, draught, pole, No. 2 (spare)	1 per company, peace only.
Forges, field, G.S., Mark II ..	1 per company, peace and war, excepting companies with corps troops and infantry brigades in war, which have 2 each.
Poles, draught, No. 7	1 per 3 wagons, peace and war.
Shafts, No. 43 .. (spare); „ 44 .. „; „ 63 .. near „; „ 64 .. off „	1 per 16 carts, war only (including carts with infantry battalions and cavalry regiments).

* According to mark of G.S. wagons.

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Vehicles—*continued.*

TABLE 8—*continued.*	Proportions. Peace and War.
Woolwich Section No. 4—cont.	
Wagons, G.S.	4 (1 fitted for forge) per company on lower establishment, 7 (1 fitted for forge) per company on higher establishment, Peace. For War:—35 per company with corp troops, 13 per company with infantry division, 19 per company with infantry brigade, 23 per company with cavalry brigade, and 2 per field bakery.
Wheels, 3rd class, B, { fore (spare) / hind „	1 of each kind per company, peace, according to pattern vehicles on charge, 1 each kind, war.
Woolwich Section No. 10.	
Jacks, lifting, G.S.	2 per company, peace and war.

Ambulance Wagons to be held on charge by Station Staff or local Equipment charge for local use at stations specified.

TABLE 9. Stations.	No. of Ambulance Wagons.
Aldershot	52
Belfast	1
Brighton	1
Canterbury	1
Chatham	3
Colchester	4
Cork	1
Curragh Camp	9
Devonport	7
Dover	2
Dublin	10
Edinburgh	1
Exeter	1
Fermoy	1
Gosport	1
Guernsey	1
Kinsale	1
Limerick	1
London	7
Longford	1
Manchester	2
Netley	3
Portsmouth	3
Preston	1
Shoeburyness	1
Shorncliffe	2
Woolwich	7
York	3

57
Aldershot
6962

54
A.S.C.
2715

57
Dublin
6002

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Sect. III. Army Service Corps.

Harness, Saddlery, and Pack Saddlery.

TABLE 10.	Proportions. (Peace and War where not otherwise stated.) Service Company.	Depôt Company.	Remarks.
40185 / 9583 *Woolwich Section No. 5.*			
Saddlery, officers' ... ... sets	2 peace, higher establishment; 1 peace, lower establishment; 4 War	2	
Harness, G.S., transport, wheel double,* ... ... sets†	6 lower establishment; 13 higher establishment	26	
Harness, G.S. :—			
Bits, portmouth harness (or reversible), ... spare	2	4	
Chains, hame ... ... ,,	1	2	
Hames, pairs ... ... ,,			
Collars: head, R.A. (or Mark III) ... ... ,,	2	3	
Collars: breast ... ... ,,	10 per cent. sets of G.S. harness; 25 per cent sets of G.S. harness ...	10 per cent.	Peace.
		...	War.
Leggings, drivers' ... ... ,,	1	2	
Traces, harness, short, pairs ... ,,	4 lower establishment; 8 higher establishment	12	
Whips, drivers' ... ... ,,	2	4	
Harness, A.S.C., wheel, double sets‡	1 per pair of draught horses, less G.S. harness on charge available	...	War
Collars: breast ... ... spare	25 per cent. sets of A.S.C. harness ...	...	War.
Collars: head ... ... ,,	2	...	War.
Hames, pairs ... ... ,,	1	...	War.
Straps, neck ... ... ,,	1 per spare breast collar (G.S. or A.S.C.)	10 per cent.	
Harness and Saddlery :—			
Couples, trace	6 per company ...	...	
54 / A.S.C. / 2675 Straps, kicking	1	1	Peace.
Whips: driving ... ... spare	2	4	
Whips: hand	1	1	
Woolwich Section No. 6.			
Saddlery, universal, R.A. ... sets†	1 per riding horse	1 per riding horse	With carbine bucket for ranks armed with carbines.
Bits: bridoon ... ... spare	3	6	Peace.
Bits: portmouth saddlery ... ,,	1	2	

* Some companies have N.P. harness for instructional purposes.
† For detail see Part I. E.R.
‡ N.P. harness will be issued as stock of G.S. becomes exhausted.

54 / A.S.C. / 2874

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Harness, Saddlery, and Pack Saddlery—*continued.*

TABLE 10—*continued.*	Proportions. (Peace and War where not otherwise stated.) Service Company.	Depôt Compy.	Remarks
Woolwich Section No. 6—contd.			
Chains { bridoon, 6 links ... spare	2	4	Peace
Chains { curb, portmouth bit, H. & S. ... ... ,,	3	6	Peace
Hooks, curb, portmouth bit, H. & S. ... ... ,,	5	2	Peace
Cruppers, saddlery ... ... ,,	1	2	Peace
Irons, stirrup, G.S. ... ... ,,	2	4	Peace
Runners, stirrup leather ... ,,	2	4	Peace
Woolwich Section, No. 27.			
Packsaddlery, G.S., sets† { large ...	1	1	Peace
Packsaddlery, G.S., sets† { small ...	1	1	Peace
Cacolets	2	2	Peace

38407 / Equipt. / 1952

† For detail see Part I.

Stable Necessaries.

TABLE 11.	Proportions. Peace and War
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse.
Brushes, { harness, hard	1 per double set of harness.
Brushes, { horse	1 per public horse.‡
Combs, curry	1 per public horse.‡
Pans, oil	2 per company, peace only.
Rubbers, horse	1 per public horse.‡
Sacks, corn 4-bushel, canvas ..	1 per 12 horses, war only.
Scissors, trimming.. .. pairs	1 per set of saddlery every 5 years, and double set of harness every 3 years.
Sponges, 7 drachms	{ 3 per public riding horse‡. 4 per draught horse‡.

54 / 2nd Dn. Gds. / 365

38407 / Equipment. / 2040

‡ Annual supply.

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Tools, Artificers, and Opening Packages.

TABLE 12.	Per Company in War with				Per Company in Peace.			Station Staff.	
						Depôt.			
	Corps Troops.	Infantry Brigade.	Infantry Divisional Troops.	Cavalry Brigade.	Service.	Dismounted.	Mounted.	Aldershot.	Woolwich.
Woolwich Section No. 7.									
57 / Genl. No. 2075 — **Chests,**§ stocks and dies, Whitworth thread, $1\frac{1}{8}$ inch to $\frac{1}{4}$ inch, filled	1	1	1	1	1	...	1	...	...
Chests,§ tool, empty, No. 7	...	...	...	...	1	...	1	...	...
Chests,§ tool, filled* No. 3 C ...	2	3	2	2	1	...	2	1	1
Chests,§ tool, filled* No. 5 A ...	2	3	2	2	1	...	2	1	1
Chests,§ tool, filled* No. 11 A ...	1	2	1	1	1	...	1	...	...
Awls, harness, blades / handles sizes to be stated	...	...	...	...	18	...	18	...	...
Awls, harness, blades / handles stated	...	...	...	...	12	...	12	...	...
54 / A.S.C. 2912 — **Brushes,** sable, writing, crow, large ...	...	...	...	...	1	...	1	1	1
Brushes, sable, writing, duck, large ...	...	...	...	...	3	...	1	1	1
Brushes, sable, writing, duck, small ...	...	...	...	...	1	...	1	1	1
Cans, paint	...	...	...	...	2	...	4	2	2
Chisels, ripping	1	1	1	1	1	1	1	...	...
Clams, collar makers ... ... pairs	...	...	...	...	1	...	1	...	...
Claws, nail	...	...	...	...	1	...	1	...	...
Creases, double	...	...	...	...	1	...	1	...	...
Creases, single	...	...	...	...	1	...	1	...	...
Drivers, screw, G.S., 9-inch...	1	1	1	1	1	1	1	...	...
Files, saw, taper, 2nd cut, single, $5\frac{1}{2}$-inch	...	...	...	...	8	...	8	...	...
Hammers, riveting, 24 oz.	1	1	1	1	1	1	1	...	...
Hammers, riveting, 16 oz.	...	...	...	...	1	...	1	...	...
Hammers, riveting, saddle seat ...	...	...	...	...	2	...	2	...	...
Knives, half round	...	...	...	...	1	...	1	...	...
Knives, head	...	...	...	...	1	...	1	...	...
Knives, laboratory	1	1	1	1	1	1	1	...	...
Knives, palette	...	...	...	...	2	...	2	1	1
Knives, putty...	...	...	...	...	2	...	2	1	1
40116 / 7194 — **Mallets,** carpenters	...	...	...	...	1	...	1	...	...
Nail pullers	1	1	1	1	1	1	1	...	...
Needles, harness (sizes to be stated) ...	...	...	...	...	150	...	150	...	...
Pencils, carpenters	...	...	...	...	12	...	12	...	...
Planes, jack, double, iron	...	...	...	...	1	...	1	...	...
Planes, smoothing, G.S....	...	...	...	...	1	...	1	...	...
Planes, trying	...	...	...	...	1	...	1	...	...
Rules, carpenters, common	...	...	...	...	1	...	1	...	...
Rules, collar makers, four-fold	...	...	...	...	1	...	1	...	...
Saws, compass	...	...	...	...	1	...	1	...	...
Saws, dovetailed, brass back	...	...	...	...	1	...	1	...	...
Saws, hand, 26-inch	...	...	...	...	1	...	1	...	...
Saws, tenon, 14 inch	...	...	...	...	1	...	1	...	...

* For details of contents of chests, see Part 1, Equipment Regulations.
§ See footnote †, page 15.

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Tools, Artificers, and Opening Packages—*continued.*

TABLE 12—*continued.*

	Per company in War with				Per Company in Peace.			Station Staff.	
	Corps Troops.	Infantry Brigade.	Infantry Divisional Troops.	Cavalry Brigade.	Service.	Depôt. Dismounted.	Depôt. Mounted.	Aldershot.	Woolwich.
Woolwich Section No. 7—contd.									
Squares, carpenters, 9-inch	...	...	...	...	1	...	1	...	...
Squares, carpenters, 4-inch	...	...	...	...	1	...	1	...	...
Sets, saw, hand ...	...	...	...	...	1	...	1	...	...
Stones, oil, carpenters	...	...	...	...	1	...	1	...	...
Tools, screw cutting, bolt and nut, chests, filled,*† B, 1 in. to $\frac{5}{8}$ in.	1	1	1	1	1	...	1	...	...
Tools, screw cutting, bolt and nut, chests, filled,*† C, $\frac{1}{2}$ in. to $\frac{5}{16}$ in.	1	1	1	1	1	...	1	...	...
Woolwich Section No. 25.									
Brushes, paint,‡ ground 000	...	...	...	...	2	...	2	1	1
Brushes, paint,‡ unground 000	...	...	...	...	2	...	2	1	1
Brushes, sash tool No. 2	...	...	...	...	4	...	4	2	2
Brushes, sash tool No. 4	...	...	...	...	2	...	2	1	1
Brushes, sash tool No. 6	...	...	...	...	2	...	2	1	1
Knives, opening tins ...	2	4	4	4	...	...	...	...	...

* For details of contents of these chests, see List of Changes.
† Will be supplied as "Chests, stocks and dies, Whitworth thread" become unservicable. Other sizes of "Tools, screw cutting" will be kept in No. 1 Central shop Army Ordnance Department.
‡ To last 3 years.
N.B.—For supply of forge and shoeing tools, see Part I, Equipment Regulations.

54
Gen. No.
2075
54
Genl. No.
7707

Branding Irons and Stamps.

TABLE 13.

Peace only.	Per Company. Service.	Per Company. Depôt. Dismounted.	Per Company. Depôt. Mounted.	Station Staff. Woolwich.	Station Staff. Aldershot.	Station Staff. Dublin.	Station Staff. Curragh.
Woolwich Section No. 25.							
Irons, branding, figures, 0 to 8, $\frac{5}{8}$-in. ... sets	1	...	2	2	2	1	1
Irons, branding, letters, 3 letter $\frac{5}{8}$-in. (A.S.C.) ...	1	...	2	2	2	1	1
Stamps, copper, inlaid, figures, 0 to 8, $\frac{1}{2}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps, copper, inlaid, letters, 3 letter, $\frac{1}{2}$-in. (A.S.C.) ...	1	3	2	1	1	...	...

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Branding Irons and Stamps—*continued.*

TABLE 13—*continued.* Peace only.		Per Company. Service.	Per Company. Depôt. Dis-mounted.	Per Company. Depôt. Mounted.	Station Staff. Woolwich.	Station Staff. Aldershot.	Station Staff. Dublin.	Station Staff. Curragh.
Woolwich Section No. 25 —contd.								
Stamps, steel, for metal,	figures, 0 to 8, $\frac{1}{8}$-in. ... ... sets	1	3	2	1	1	...	...
	letters, 3 letter, $\frac{1}{8}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
	figures, 0 to 8, $\frac{3}{16}$-in. ... ... sets	1	3	2	1	1	...	...
	letters, 3 letter, $\frac{3}{16}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
steel, for wood,	figures, 0 to 8, $\frac{3}{16}$-in. ... sets	1	3	2	1	1	...	...
	letters, 3 letter, $\frac{3}{16}$-in. (A.S.C.) ...	1	3	2	1	1	...	...

Materials for Repair of Carriages.

TABLE 14. Description.	Peace. 12 months' supply per company. On Higher Establishment.	Peace. On Lower Establishment.	Peace. Depôt.	War. Company as supply column with Corps Troops.	War. Inf. Divn.	War. Inf. Bde.	War. Cavy. Bde.	Remarks.
Woolwich Section No. 2.								
57 / Aldershot / 6420 **Tent,** line tent, 16-thread ..	*	*	*					
Woolwich Section No. 4.								
CARTS AND WAGONS.								
40185 / 9583 **Boxes,** pipe, wheel, 3rd class, "B" metal nave	1	1	1	...	...	...	...	
Hooks, lashing, G.S.	2	1	4	...	...	...	...	
Hoops, bale, rough, $11\frac{1}{2}$ ft. ...	1	1	2	...	...	...	...	
Shafts ... No. 97...	1	1	1	...	...	...	...	
Shafts ... ,, 98...	...	...	1	...	...	...	...	
Soles, drag shoe, No. 15... ...	8	4	12	...	...	...	...	
Staples lashing, common ...	6	3	9	...	...	...	...	
Staples round crowned, small...	4	2	6	...	...	...	...	

* 60 lbs. per annum for each ambulance wagon.

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Materials for Repair of Carriages—*continued.*

TABLE 14—*continued.* Description.	Peace. 12 months' supply per company. On Higher Establishment.	Peace. On Lower Establishment.	Peace. Depôt.	War. Company as supply column with Corps Troops.	War. Inf. Divn.	War. Inf. Bde.	War. Cavy. Bde.	Remarks.
Woolwich Section No. 5.								
HARNESS AND SADDLERY.								
Buckles, strap 1-inch... ...	20	10	32	...	...	...	...	
Buckles, strap ¾ ,, ...	16	8	24	...	...	...	...	
Woolwich Section No. 9.								
METALS.								
Iron, wrought, lbs. flat, ... 2½″ × ⅝″	9	5	14	...	...	...	...	
flat, ... 2″ × ½″	9	5	14	...	...	...	...	
flat, ... 2″ × ¼″	10	5	16	...	...	...	...	
flat, ... 1½″ × ½″	10	5	16	20	7	8	4	
flat, ... 1½″ × ⅜″	10	5	16	...	...	...	...	
flat, ... 1¼″ × ⅝″	8	4	12	...	...	...	...	
flat, ... 1¼″ × ¼″	6	3	8	...	...	...	...	
flat, ... 1″ × ½″	8	4	12	16	6	6	3	
flat, ... 1″ × ⅜″	6	3	8	...	...	...	...	
flat, ... ¾″ × ¼″	5	3	7	10	4	6	3	
hoop, ... 1¼″ × 17″ W.G. ...	8	4	12	...	...	...	...	
hoop, ... 1⅛″ × 14″ F.P.G.	...	...	...	...	6	4	2	
round, 1½″	8	4	12	...	...	...	...	
round, ⅞″	8	4	12	...	...	...	...	
round, ⅝″	10	5	16	...	...	...	...	
round, ½″	10	5	16	20	7	10	5	
round, ⅜″	9	5	14	18	7	8	4	
round, ¼″	9	5	14	18	7	6	3	
square, 1½″	8	4	12	...	...	...	...	
square, 1⅛″	8	4	12	16	6	4	2	
square, ⅞″	8	4	12	16	6	4	2	
Steel cast, square, 1-inch ...	3	2	5	...	...	...	...	
Steel shear, flat, 2½″ × ½″ lbs.	3	2	5	...	...	...	...	
Woolwich Section No. 10.								
A. IRONMONGERY, &c.								
Nails, iron, lbs. clout, wrought, No. 103	1	½	1½	2	1	4	2	
Nails, iron, lbs. countersunk ... No. 104	1	½	1	4	1	4	2	
Nails, iron, lbs. head ... ... No. 105	2	1	3	4	2	2	1	
Nails, steel, lbs. Brad, fine-pointed, No. 26	½	½	½	...	...	...	...	
Nails, steel, lbs. clasp fine ... No. 71	3	1½	4	6	2	4	2	
Nails, steel, lbs. clasp fine ... No. 72	3	1½	5	6	3	6	3	
Nails, steel, lbs. clasp strong ... No. 80	4	2	6	8	3	4	2	

40185
9583

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Materials for Repair of Carriages—*continued.*

TABLE 14—*continued.* Description.	Peace. 12 months' supply per company. On Higher Establishment.	Peace. On Lower Establishment.	Peace. Depôt.	War. Company as supply column with Corps Troops.	War. Inf. Divn.	War. Inf. Bde.	War. Cavy. Bde.	Remarks.
Woolwich Section No. 10—cont.								
A. Ironmongery, &c.—*cont.*								
Screws, iron, flathead, gross, 2-inch, G. No. 22 ...	1	½	1½	30/144	12/144	40/144	20/144	
1½ ,, G. No. 13 ...	2	1	3	64/144	24/144	72/144	30/144	
1½ ,, G. No. 20 ...	⅔	¼	¾	48/144	24/144	40/144	20/144	
38407 / Equipment / 1960 — 1 ,, G. No. 12 ...	1	½	1½	32/144	14/144	48/144	24/144	
⅞ .. G. No. 14 ...	...	...	...	28/145	12/144	40/144	20/144	
¾ ,, G. No. 10 ...	1	½	1½	48/144	24/144	72/144	30/144	
¾ ,, G. No. 13 ...	1	½	1½	...	...	...	...	
looped No. 1*	1	1	1	...	...	...	...	
,, No. 3 flat†	12	6	20	...	...	...	...	
40185 / 9583 — **Tacks**, steel, lbs. cut No. 190	...	...	...	1	12/10	1	8/10	
cut No. 192	...	...	...	1	12/10	1	8/10	
clout No. 201	½	¼	½	...	...	...	...	
clout No. 203	½	¼	½	...	...	...	...	
Woolwich Section No. 11.								
A. Oil, Paint and Chemicals.								
Chalk, white ... ... lbs.	½	¼	½	1	...	...	...	
Glue, best town-made ... ,,	1	½	1½	...	...	...	...	
Grease, lubricating ... ,,	168	84	224	...	...	...	...	
Woolwich Section No. 12.								
Timber, Deals, ... 9″ × 1″ ft. run	...	...	...	20	20	40	20	
57 / Gen. No. / 3810 — 9″ × 1⅛″ ,,	288	144	306	...	...	...	...	
9″ × 1¾″ ,,	44	22	44	...	...	...	...	
9″ × 0⅞″ ,,	162	81	189	...	...	...	...	
9″ × 0¾″ ,,	80	40	80	20	20	40	20	
Ash, Eng. scantling, 9″ × 1½″ ,,	16	8	16	...	...	...	...	
2¾″ × 0¾″ ,,	18	9	18	...	...	...	...	
3″ × 2″ ,,	20	10	20	...	...	...	...	
Elm, 16″ × 1⅛″ ,,	20	10	20	...	...	...	...	
do. 4″ × 4″ ,,	10	5	10	...	...	...	...	
Oak scantling, 8″ × 3″ ,,	30	20	30	5¼	5¼	10½	5¼	

* For converted light supply, and Mark III ambulance wagons.
† For Mark III and IV G.S. wagons.

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Materials for Repair of Carriages—*continued.*

TABLE 14—*continued.* Description.	Peace. 12 months' supply per company. On Higher Establishment.	On Lower Establishment.	Depôt.	War. Company as supply column with Corps Troops,	Inf. Divn.	Inf. Bde.	Cavy. Bde.	Remarks.
Woolwich Section No. 13.								
FIELD ARTILLERY, CARRIAGES, &c.								
Staples, lashing, with plate, double	2	1	3	...	...	...	...	
Straps, securing 1″ × 26″ ...	4	2	6	...	...	...	...	40185
,, ,, 1″ × 30″ ...	...	...	...	12	4	12	...	9583
Woolwich Section No. 15.								
MOUNTAIN CARRIAGES, &c.								
Bolts, with nuts, tire, 3rd class	4	2	6	...	...	...	...	
Pins, shaft, No. 30 shaft ...	1	1	1	...	...	...	...	
Woolwich Section No. 18.								
A.—BLOCKS, CANVAS, CORDAGE, BOAT STORES, &c.								
Canvas, 36-inch ... yards	10	5	15	...	...	...	...	
Woolwich Section No. 19.								
HALF WROUGHT STORES.								
Bars, shaft, Nos. 30 and 96 shaft, pairs	...	...	...	...	...	...	...	
Bars, ,, rough splinter wagon G. S. Mark III	1	1	1	...	...	...	...	
Felloes, No. 147 wheel ...	1	1	1	...	...	...	...	
Felloes, No. 151 ,, ...	1	1	1	...	...	...	...	
Futchels, wagon, rough, No. 25	1	1	2	2	2	4	2	
Spokes, No, 145 wheel	1	1	...	...	...	...	...	
Spokes, No. 150 ,, ...	1	1	2	...	...	...	...	

Materials for Painting Carriages.

For proportions supplied, see Part 1, Equipment Regulations.

Materials for Repair of N.P. A.S. Corps Harness.

See Part 1, Equipment Regulations.

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Parts of Harness and Saddlery, and Equitation Articles.

TABLE 15.	Aldershot.	Woolwich or Manchester.	Dublin.	Curragh.	Remarks.
HARNESS AND SADDLERY.					
Woolwich Section No. 5.					
Bridles, mouthing, bits	3	2	2	2	
Bridles, mouthing, heads, bridle	3	2	2	2	
Bridles, mouthing, reins	3	2	2	2	
Bridles, snaffle	3	2	2	2	
Cavisons, ...	3	2	2	2	
Cavisons, cords	3	2	2	2	
Crosstrees, complete	3	2	2	2	
Crosstrees, reins, running	3	2	2	2	
Rollers, breaking	2	1	1	1	
Whips, hand	3	2	2	2	
Whips, longeing	3	2	2	2	
Saddlery, officers' sets	9	4	1	1	
Woolwich Section No. 6.					
Saddlery, universal sets	9	4	3	2	

Materials for Repair and Preservation of Equitation Articles.

TABLE 16.	Woolwich or Manchester.	Aldershot.	Dublin.	Curragh.	
HARNESS AND SADDLERY.					
Woolwich Section No. 5.					
Sponges, 7 drachms	2	2	2	2	Annual Supply.
Woolwich Section No. 6.					
Cord, whip ... ... ozs.	4	6	4	4	Annual Supply.
Woolwich Section No. 11.					
Oil, rape ... ... pints	2	3	2	2	Annual Supply.
Soap, soft* ... ... lbs.	7	10	7	7	Annual Supply.
Woolwich Section No. 30.					
Linen, old ... ... lbs.	½	¾	½	½	Annual Supply.

* ½-bar of yellow soap may be drawn for every ¾-lb. of soft, if preferred.

NOTE.—No other materials than those given in this table are considered necessary, the materials supplied for repairing the Harness and Saddlery generally being sufficient for casual repairs to the Equitation Articles also.

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Stores for Instruction.

TABLE 17.

Articles.	Per Depôt Company at: Aldershot.	Woolwich or Manchester.	Dublin.	Curragh.	Remarks.
Weedon Section.					
Carbines, M.E. or M.M., artillery, D. P.	100	80	...	...	
Carbines, M.E. or M.M., artillery* ...	30	30	...	...	
Woolwich Section No. 1.					
Belts, waist, buff, cavalry, line, O.R. ...	21*a*	19*a*	...	...	*a* 15 for boys.
Belts, waist, buff, V.E., patt. '88, G.S. ...	100	100*b*	...	...	*b* 20 extra for men joining for training.
Bottles, water, enamelled	100	80	...	...	
Knots, sword, buff, cavalry, line, O.R. ...	6	4	...	...	
Pouches, ammunition, buff, V.E., patt. '88	100	80	...	...	
Slings, carbine, buff, artillery	130	110	...	...	
Straps, water bottle, mounted services ...	100	80	...	...	
Straps, mess-tin ,, ...	130	110	...	...	
Tins, mess, mounted services	130	110	...	...	
Woolwich Section No. 2.					
Pegs, picketing	40	40	...	...	
Ropes, head	40	40	...	...	
Ropes, heel	40	40	...	...	
Tents, complete, circular, single	5	5	...	...	
Woolwich Section No. 4.					
Carts, brake	1	1	...	...	
Carts, water barrel (or tank)	1	1	...	...	
Carts, ,, ,, Funnels	1	1	...	..	
Wagons, brake	1	1	...	...	
HARNESS AND SADDLERY.					
Woolwich Section No. 5.					
Collars, head	30	20	5	5	
Collars, neck	12	6	...	...	Large sizes.
Woolwich Section No. 6.					
Blankets, saddle‡...	35	25	7	7	
Bits, bridoon	30	20	5	5	
Bits, portmouth, Mark I., saddlery, with bridle head and reins†	30	20	5	5	
Cruppers, saddlery	30	20	5	5	
Girths, leather	30	20	5	5	

A.C.D. Genl. No. 1328

* These will be serviceable carbines.
† When stock is exhausted reversible bits will be supplied.
‡ Pannels in use to be worn out.

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Stores for Instruction—*continued.*

TABLE 17—*continued.*

Articles.	Per Depôt Company at Aldershot.	Woolwich or Manchester	Dublin.	Curragh.	Remarks.
Woolwich Section No. 6—continued.					
Irons, stirrup, G.S.	60	40	10	10	
Leathers, stirrup	60	40	10	10	
Numnahs, felt	30	20	5	5	
Reins, bridoon	30	20	5	5	
Runners, stirrup leather	60	40	10	10	
Saddles, universal	30	20	5	5	
Surcingles	30	20	5	5	
STABLE NECESSARIES.					
Woolwich Section No. 5.					
Brushes, horse	20	20	...	...	Annual allowance
Combs, curry	20	20	...	...	
Rubbers. horse	20	20	...	...	
Sponges, 7 drachms	20	20	...	...	
HARNESS, BRAKE, DOUBLE.					
Woolwich Section No. 5.					
Lead ... ... double sets	1	1	...	...	With brass mounts.
Wheel... ... ... ,,	1	1	...	...	
HARNESS, BRAKE, SINGLE.					
Woolwich Section No. 5.					
Breeching, with shaft and hip straps ...	1	1	...	...	
Bridle	1	1	...	...	Reversible bit.
Bands, back...	1	1	...	...	
54 **Crupper**	1	1	...	...	Neck collar, Service pattern, will be issued.
A.S.C. **Hames,** brass, with traces ... ... pairs	1	1	...	...	
2874 **Pads,** chaise, with pannels and girth ...	1	1	...	...	
Reins. driving ... ... pairs	1	1	...	...	Brass fittings each article.
Straps, hame ... ... ,,	1	1	..	...	
Tugs, backband	2	2	...	...	
Weedon Section.					
Scabbards, sword†	6	4	...	...	
Swords, practice, mounted corps	6	4	...	...	

† Of the pattern most suitable for the practice swords supplied.

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Veterinary Stores.

(*Referred to in paragraph* 264, *Part* 1.)

TABLE 18.	Per Company. Six months' supply.
Woolwich Section No. 2	
Rugs, horse	5 per 100 horses in war, 2 per 10 in peace.
Pads, surcingle...	
Surcingles, web, cavalry	

Stores specially allowed for "A" and "B" Remount Companies.

TABLE 19.	Remount Company. "A."	"B."
VETERINARY STORES.		
Woolwich Section No. 2.		
Blankets, horse	180	55
Buckets, water, G.S. leather	1	1
Pads, surcingle	112§	...
Surcingles, web, Mark II.	108§	...
Stoves, Soyer's	1	...
Not in Vocabulary.		
Boots, poultice	6	4
Boots, ,, extra large	2	...
Hoods, poultice	3	...
Hoods, (or head caps)	50	20
TRANSPORT STORES, &c.		
Woolwich Section No. 4.		
Carts, forage...	1	1
Carts, water, barrel (or tank)	1	1
Carts, water, ,, funnels	1	1
Carts, forge	1	...
Covers, forage	1	1
Covers, cart, forge	1	...
Ladders, cart, fore	2	2
Ladders, forage, side	2	2
Hoops, bale, forage ... ... sets	1	1
Hoops, cart, forge ... ... ,,	1	...
Not in Vocabulary.		
Carts, hay, Bristol Wagon Co.	...	2
Haymaker	...	1
Machines, mowing	...	1
Rakes, hay, horse	...	1
HARNESS AND SADDLERY.		
Woolwich Section No. 5.		
Harness, G.S. single ... ... sets	1	4

§ These will not be required with Mark II blankets.

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

TABLE 19—*continued.*	Remount Company. "A."	Remount Company. "B."
SPARE ARTICLES.		
Collars, head	155	75
Collars, neck	6	12
Reins, driving, long	...	5
MISCELLANEOUS ARTICLES AND STABLE NECESSARIES.		
Bags, nose, G.S.	32	50
Bridles, mouthing, bits	...	1
Bridles, mouthing, heads, bridle	...	1
Bridles, mouthing, reins	...	1
Bridles, snaffle, bits	41	5
Bridles, snaffle, heads, bridle	41	5
Bridles, snaffle, reins	41	5
Brushes, horse	...	80†
Cavisons, with cord	4	2
Cavisons, without cord	2	...
Collars, false	...	1
Combs, curry	...	80†
Cross-trees, complete without reins	...	1
Cross-trees, reins, running	...	2
Rings, clip	4	2
Rubbers, horse	200†	80†
Sacks, corn, 5-bushel	12	5
38407 Equipment. 2040 **Scissors,** trimming ... pairs	...	5
Sponges, 7 drachms	140†	320†
Straps, kicking	1	2
Whips, driving	1	2
Whips, longeing	3	2
Whips, hand	4	1
Not in Vocabulary.		
57 Woolwich. 1855 **Brushes,** dandy	200†	...
Harness, farm ... sets	...	1
Muzzles, horse, leather	...	3
Reins, running, in two parts	...	2
Rollers, 5-inch, hemp, leather facings	42	...
Woolwich Section No. 6.		
Bits, bridoon	94	47
Bits, ,, reins	94	47
Numnahs, felt	71	24
Saddlery, universal ... sets	2	8
Straps, baggage	...	198
Surcingles, leather, harness	69	24
SHOEING TOOLS.		
Woolwich Section No. 7.		
Aprons, basil, white	12	6
Bags, tool, farriers'	1	...
Buffers, farriers'	5	3
Hammers, farriers', shoeing	4	3

† Annual supply.

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

TABLE 19—*continued.*

54
A.S.C.
2500

	Remount Company. "A."	Remount Company. "B."
Knives, drawing, farriers'	10	3
Knives, searching, farriers'	8	3
Pincers, farriers' ... pairs	3	3
Rasps, farriers', 16-inch	4	4
Woolwich Section No. 26.		
Stones, rag	4	...
FORGE TOOLS.		
Woolwich Section No. 7.		
Chests, tool, empty, No. 7	2	1
Chisels, farriers', handled	4	2
Cresses, farriers', No. 1	2	1
Cresses, farriers', No. 2	2	1
Hammers, farriers', pointing	2	...
Hammers, farriers', turning	3	2
Hammers, farriers', sledge, 9½ lbs.	4	2
Fullers, farriers', handled	6	2
Pritchels, farriers'	13	3
Stamps, farriers'	4	4
Tongs, farriers', turning, large ... pairs	2	4
Tongs, farriers', turning, small ... ,,	3	2
Tongs, farriers', turning, medium ... ,,	2	2
Tongs, farriers', fire ... ,,	2	...
Pokers, smiths'...	2	2
Slices, farriers'...	2	2
Stakes, farriers'	2	2
Cutters, anvil, nail, farriers'	2	2
Cutters, anvil, ½ round do.	7	2
Cutters, anvil, flat, smiths', 2-inch	...	2
MISCELLANEOUS TOOLS.		
Woolwich Section No. 7.		
Chests, tool, filled, No. 5 A	1	...
Anvils, 5 lbs.	1	1
Brushes, sable, writing, duck, large	2	...
Chisels, ripping	1	1
Drivers, screw, G.S., 9-inch...	1	1
Hammers, riveting, 8 ozs.	1	...
Hammers, riveting, 24 ozs.	1	1
Hammers, collarmakers	1	...
Files, bastard, knife, 9-inch...	...	2
MISCELLANEOUS ARTICLES.		
Woolwich Section No. 10.		
Jacks, lifting, G.S.	...	1
Woolwich Section No 13.		
Straps, securing, 1 in. × 18-in.	...	4

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

54
A.S.C.
2500

TABLE 19—*continued.*	Remount Company. "A."	Remount Company. "B."
Woolwich Section No. 25.		
Brushes, paint, ground, 000	...	2
Brushes, sash tool No. 2	...	2
Brushes, sash tool No. 6	1	...
Irons, branding, $\frac{5}{8}$-in. figures 0 to 8 ... ... sets	4	2
Irons, branding, $\frac{5}{8}$-in. letters, 3 letter, A.S.C.	1	...
Irons, branding, $\frac{1}{4}$-in. figures 0 to 8 ... ... sets	1	...
Irons, branding, $\frac{1}{4}$-in. letters, 3 letters, A.S.C.	1	...
Irons, branding, $\frac{1}{4}$-in. letters, 2 letter ... ... sets	1	...
Stamps, copper inlaid, $\frac{1}{2}$-in., figures 0 to 8 ... ... ,,	2	1
Stamps, copper inlaid, $\frac{1}{2}$-in., letters, 5 letters, A.S.C. B.R.	...	1
Stamps, copper inlaid, $\frac{1}{2}$-in., 3 letters, A.S.C.	1	...
Stamps, copper inlaid, $\frac{1}{2}$-in., 1 letter, A.	1	...
Stamps, steel, for metal, $\frac{1}{8}$-in., figures 0 to 8 ... ... sets	1	1
Stamps, steel, for metal, $\frac{1}{8}$-in., letters 5 letters, A.S.C. B.R. ...	...	1
Stamps, steel, for metal, $\frac{1}{8}$-in., letters 3 letters, A.S.C.	1	...
Stamps, steel, for metal, $\frac{1}{8}$-in., letters 1 letter, A.	1	...
Stamps, steel, for metal, $\frac{3}{16}$-in., 1 letter, R.	1	...
Stamps, steel, for metal, $\frac{3}{16}$-in., do. E.	1	...
Stamps, steel, for wood, $\frac{3}{16}$-in. figures, 0 to 8 ... ... sets	1	1
Stamps, steel, for wood, $\frac{3}{16}$-in. letters, 5 letter A.S.C. B.R.	...	1
Stamps, steel, for wood, $\frac{3}{16}$-in. letters, 3 letter, A.S.C.	1	...
Stamps, steel, for wood, $\frac{3}{16}$-in. letters, 1 letter, A.	1	...
Stamps, brass, on wood ↓ ↑ 2-in.	...	1
Stamps, copper, inlaid, A.R. Depot	1	...
Stamps, steel ↓ ↑ $\frac{1}{2}$-in.	...	1
Stamps, gunmetal ↓ ↑ 2-in....	1	...
Stamps, typeholders, ...	2	...
Stamps, typeholders, blocks	2	...
Woolwich Section No. 26.		
Standard, measuring, horse and man	1	1
Stones, rub, scythe	1	...
Tubs, washing, 8 galls. (U.)	...	50

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Materials for Repair of Harness and Saddlery of "A" and "B" Remount Companies.

TABLE 20.	Quantity 12 months' supply. "A" Co.	"B" Co.	Remarks.
Woolwich Section No. 6.			
Buckles, brass, roller, double, ¾-in.	2	4	
Buckles, iron, single, 1-in. barred	1	4	
Buckles, iron, double, 1½-in. head collar ...	2	2	
Buckles, iron, double, 1-in.	2	2	Throat lash.
Buckles, iron, double, ⅞-in.	—	2	
Buckles, iron, tinned, inlet, 1⅛-in.	3	3	
Hides, brown, backs, collar	½	½	
Hides, brown, backs, heavy	¼	¼	
Thread, flax, fine ... ... lbs.	½	½	
Thread, flax, whited brown ... ,,	½	½	For repair of horse blankets.
Woolwich Section No. 11.			
Oil, rape ... ... galls.	4	5	
Soap, soft ... ... lbs.	320	108	
Soap, yellow... ... ... bars	—	60	
Wax, black ... ... lbs.	¼	¼	
Woolwich Section No. 18.			
Canvas, sail, No. 3 ... ... yds.	1	1	For repair of bottoms of nose bags.
Woolwich Section No. 30.			
Blankets, old, pieces ... ... lbs.	6	6	For repair of horse blankets.
Linen, old ... ... ,,	½	½	For repair of nose bags.

Field Bakery Sections.

Stores to be held by Army Ordnance Department and stored separately for use of Field Bakery sections in time of war.

TABLE 21.	Field Bakery, Section of 8 Ovens.*
Woolwich Section No. 2.	
Axes, felling, curved helve	2
Axes, hand, 2 lb. 2 oz.	4
Axes, helves, 36-in.	4

40185
9583

* 1 set for Supply Officer with each company with Cavalry Brigade, Infantry Brigade, Infantry Divisional Troops, and Corps Troops. For Supply Officer on Lines of Communication—As required.

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Field Bakery—*continued.*

TABLE 21—*continued.*	Field Bakery, Section of 8 Ovens.
Woolwich Section No. 2—continued.	
Cradles, camp kettles	2
Hooks, bill	2
Kettles, camp, oval, 12-quart	10
Lanterns, tent folding	4
Ovens, Aldershot pattern	8
Posts, picket, 5-ft. (for troughs)	6
Tents, complete, circular, single linen	2
Tents, complete, marquee, hospital, without lining ..	1
Troughs, water, canvas	1
TOOLS, &C., FOR INTRENCHING.	
Axes, pick, heads, 4½ lbs.	1
Axes, pick, helves, 36 in. ferruled	2
Barrows, hand, single	1
Shovels, G.S...	2
MINERS' TOOLS AND STORES.	
Wedges, sawyers' steel, 8-inch	4
Woolwich Section, No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Panniers, general service	2
Woolwich Section No. 7.	
TOOLS, ARTIFICERS' AND LABOURERS'.	
Files, saw, taper, 2nd cut, single, 9 in.	2
Hammer, smiths', uphand, 7-lb...	1
Hammer, handles, 30-inch	2
Saws, cross-cut, blades, 5-ft.	1
Saws, cross-cut, handles	3
Sets, saw, pit	2

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Field Bakery—*continued.*

TABLE 21—*continued.*	Field Bakery, Section of 8 Ovens.
Woolwich Section No. 10.	
Covers, sail-cloth, W.P. 30 ft. × 20 ft.	1
Covers, sail-cloth, W.P. 18 ft. × 15 ft.	1
Woolwich Section No. 25.	
BARRACK AND HOSPITAL STORES (PART 1).	
Bowls, hand	2
Brooms, bass, heads, tropical climates	2
Brooms, bass, handles	2
Brushes, bakers', Mark II	2
Scoops, flour, 2-quart	2
Sieves, bakers' hair	2
Sieves, brass, wire, 18-in.	1
Thermometers, yeast	1
Woolwich Section No. 26.	
BARRACK AND HOSPITAL STORES (PART 2).	
Knives, bread	4
Machines, weighing, lever, counter, dough	2
Pails, I.G., 4-gallon	4
Rakes, bakers', 8 ft.	3
Scrapers, dough	4
Steelyards, 200 lb., Mark II	2
Troughs, dough, 1 sack, folding	10
Woolwich Section No. 27.	
TEXTILE STORES.	
Cloths, dough	12

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Sect. III. Army Service Corps.

Technical Equipment for Supply Officer of—

Each Company as Supply Column with Cavalry Brigade.
" " " " " Infantry Divisional Troops.
" " " " " " Brigade.
" " " " " Corps Troops.
Supply Depôt Unit.

(These stores will be held by Army Ordnance Department at Place of Mobilization for the unit, and issued in time of War only.)

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7513

TABLE 22. Article.	No.
Woolwich Section No. 2.	
A. CAMP EQUIPMENT.	
Axes felling, curved, helve	2
Axes hand, 2-lb. 2-oz.	2
Axes helves, 36-in.	4
Boxes, stationery, field	3
Flags, distinguishing A.S.C.	1
Flags, distinguishing cross-bars pairs	1
Flags, distinguishing poles, 16-ft.	1
Lanterns, tent distinguishing, green	1
Lanterns, tent folding	3
Sickles	2
Stools, camp	2
Tables, camp	2
Tents, complete, circular, single, linen	3*
C. TOOLS, &c., FOR INTRENCHING.	
Axes, pick heads, 4½-lb.	2
Axes, pick helves, 36-in.	4
Shovels, G.S.	2
Woolwich Section No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Panniers, general service	1
Woolwich Section No. 7.	
TOOLS, ARTIFICERS', AND LABOURERS'.	
Braces, carpenters' without bits	1
Braces, carpenters' bits centre, ¾-in.	2
Braces, carpenters' bits gouge, ⅛-in.	1
Braces, carpenters' bits screwdriver	1

* 1 for officer, 1 for office, and 1 for detachment.

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Technical Equipment for Supply Officer—*continued.*

TABLE 22—*continued.* Article.	No.
Woolwich Section No. 7—continued.	
Chisels { hand, cold, 1 in. × 8½ in.	1
Chisels { ripping	1
Grindstones, F.S., 10-in.	1
Hammers, claw, 28-oz.	1
Nail-pullers	1
Needles, collar, packing { No. 2	1
Needles, collar, packing { ,, 3	1
Needles, collar, packing { ,, 4	1
Needles, collar, packing { ,, 5	1
Woolwich Section No. 10.	
Covers, sail-cloth, W.P. { 30 ft. × 20 ft.	2
Covers, sail-cloth, W.P. { 18 ft. × 15 ft.	4
Hasps, padlock, small	2
Locks, pad, iron, 2-in.	2
Nails { iron clout, wrought, countersink head, No. 104 lbs.	½
Nails { steel { clasp, strong, No. 80 ,,	½
Nails { steel { clout, flat-head, fine, No. 93 ,,	½
Woolwich Section No. 11.	
OIL, PAINT AND CHEMICALS, &c.	
Chalk, white lbs.	1
Woolwich Section No. 18.	
A. BLOCKS, CORDAGE, &c.	
Blocks, malleable cast-iron, 4 in., double	1
Cordage, hemp hawser, 3-strand, white, 1½ in. yds.	18
Twine, packing, middling balls	3

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Technical Equipment for Supply Officer—*continued.*

TABLE 22—*continued.* Article.	No.
Woolwich Section No. 25.	
BARRACK AND HOSPITAL STORES (PART 1).	
Brooms, bass { heads, tropical climates	1
Brooms, bass { handles	1
Funnels, tin, 1-quart	1
Measures, wine & spirit (nest of 6) .. .. .. nests	1
Scoops, flour { 1-quart	1
Scoops, flour { 1-pint	1
Woolwich Section No. 26.	
BARRACK AND HOSPITAL STORES (PART 2).	
Boxes, despatch	1
Cleavers, 2-ft. 1-in.	1
Cocks, bib, driving. ¾-in.	2
Gauges, { cattle	1
Gauges, { ,, tapes, measuring 10-ft.	1
Holsters, butchers'	2
Hooks, butchers, { dressing, 13-in.	6
Hooks, butchers, { gamble, tinned	3
Implements, butchers' { valises	1
Implements, butchers' { hooks, butchers', dressing, 9 in...	6
Implements, butchers' { knives, butchers' { cutting	1
Implements, butchers' { knives, butchers' { flaying, large	3
Implements, butchers' { steels, butchers'	2
Knives, butchers', sticking	4
Machine, weighing, 28 lb., steelyard	1
Mallets, slaughtering..	1
Masks do.	1
Pails, I.G., 4 gallons..	2
Pole-pins, slaughtering	1
Saws, butchers' bow, 20 in. {	1
Saws, butchers' bow, 20 in. { blades	2
Steelyards, 200 lb.	2
Ties, butchers'	2
Woolwich Section No. 27.	
TEXTILE STORES.	
Cloths, wiping	15

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TABLE 23. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy notes, transport.
204	Regimental Equipment	Account ledger.
281	Regimental Repair	Daily work book.
283		Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
P 1900	Accoutrements, amounts received for repair of.	Certificate.
G 1037	Materials for repair of harness, saddlery, and saddletrees...	Requisition.
G 968	Camp Equipment	Requisition.
G 973		Account (*temporary use*).
G 979	Materials for repairing carriages ...	Requisition.
G 997	General equipment (*blank*) ...	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 1027	General equipment materials for repair (*blank*)	Requisition.
G 815	Ammunition, small-arm ...	
G 980	Stores	Carriers' note.

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8-inch, R.M.L., Howitzer of 70 cwt. For Movable Armament or Armament of Works. 1901. Price 2*s.*

7-inch, R.M.L., of 6½ and 7 tons, on Sliding and Moncrieff Carriage. Land Service. Price 1*s.* 6*d.*

6·6-inch, R.M.L., Howitzer, on Bed and Ground Platform, or on Siege Travelling Carriage. 1899. Price 1*s.* 6*d.*

6-inch, B.L., Howitzer of 30 cwt. (Mark I.) 1902. Price 1*s.*

6 inch, B.L., Howitzer, 25 cwt. (Mark I.) 1899. Price 3*s.*

6-inch, Q.F. (Land Service.) 1903. Price 1*s.*

5·4-inch, B.L., Howitzer. (Mark I.) 1902. Price 1*s.* 6*d.*

5-inch, B.L., Howitzer. 1903. Price 1*s.*

5-inch, B.L. (Marks II.—V.) (Land Service.) 1900. Price 1*s.* 3*d.*

4·7-inch, Q.F. (Land Service.) 1901. Price 2*s.*

4·7-inch (B), Mark IV.*, on Travelling Carriage. L.S. Volunteer Batteries. 1902. Price 1*s.*

4-inch, B.L. (Marks V. and VI.) (Land Service.) 1899. Price 1*s.* 6*d.*

0·303-inch Maxim Machine Gun (Magazine Rifle Chamber). 1903. Price 1*s.*

WAR MATÉRIEL. Care and Preservation of. Regns. for. And for Magazines. 1902. Price 1*s.*

MEKOMETER. Handbook. 1899. Revised to Aug., 1901. Price 6*d.*

MILITARY ACADEMY. ROYAL. Admission to. Regns. 1903. Price 1*d.*

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1904.

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Page 18, Table 1, *insert*—

Sword, staff serjeants	1 per clerk if a staff serjeant.
Scabbard, sword, staff serjeants... ...	

Table 2, *insert*—

Bags, spare field kit	1 per W.O., N.C.O. and man.
Belts, waist, buff, W.O.	1 per clerk if a staff serjeant.

Page 19, Table 2, *insert*—

Covers, mess tin, dismounted services ...	1 per clerk.	
Knots, sword, buff, W.O.	,,	if a staff serjeant.
Straps, water bottle, dismounted services	,,	
Tins, mess ,,	,,	
Valise equip. patt. '88, buff:—		
Straps, great coat	,,	
Straps, mess tin...	,,	
Belts, waist, buff, G.S.	,,	(Other ranks only)

Against "Straps, mess tin, mounted services," and "Tins, mess, mounted services," *insert* "*g*."
Add footnote "*g* Also 5 per cent. spare."

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WAR DEPARTMENT,
OFFICE CHIEF OF STAFF
No.
1904
MILITARY
INFORMATION DIVISION.

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SPECIAL INSTRUCTIONS.

I.—EQUIPMENT OF STAFF AND DEPÔTS, RIDING ESTABLISHMENT, SCHOOL OF GUNNERY (HORSE AND FIELD), AND MOUNTED BAND, ROYAL ARTILLERY.

Details for units, &c.

1. Details of the equipments of staff and depôts, riding establishment, school of gunnery and mounted band, will be found on pages 18 to 44.

Method of accounting for stores.

2. The stores will be held on charge in the equipment ledger, and the account will be balanced and rendered as laid down in Appendix I, Equipment Regulations, Part I.

II.—MARKING OF EQUIPMENT.

Marking equipment.

3. The camp kettles, portable magazines, and water-buckets will be marked in front with the letters "R.H.A.," or "R.F.A." (as the case may be), and in rear with the letter of the sub-section and depôt letter or number, thus,

"A"	"D"
A Dep.	3 Dep.

Camp kettles in white, others in black.

Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand to chief ordnance officers of districts, who will arrange for necessary promulgation to units, &c., requiring them.

Bags, picketing gear, will also be similarly marked, but on the end.

4. Detailed instructions for marking vehicles and equipment will be found in Equipment Regulations, Part I.

III.—REPAIRS.

Examination and repair of equipment.

5. Officers commanding are responsible that their equipment is at all times in a serviceable condition. The examination and repair of equipment should be carried out, when possible, by depôt artificers. When special tools or appliances are required, which are not available with the depôt, the artificers should be sent, together with the material requiring repair, to the nearest army ordnance department workshop at which the necessary facilities exist, in order that the artificers may there carry out or assist in carrying out the repair.

Special tools for the repair of field artillery equipment have been issued to the army ordnance workshops at Aldershot, Colchester, Curragh, Devonport, Dover, Dublin, Haulbowline, Portsmouth, and Tynemouth.

6. Applications for the inspection or repair of equipment which cannot be carried out by depôt artificers should be addressed to chief ordnance officers of districts.

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IV.—RETURNS.

7. Stores due from Army Ordnance Department should be hastened as laid down in para. 1,000, Regulations for Army Ordnance Services. Stores due to be hastened.

8. Ordnance on Royal Artillery charge will be included in the Annual Return A.F. G 872, rendered on the 1st June by officers commanding Royal Artillery in districts in accordance with the King's Regulations. Ordnance on R.A. charge.

V.—EXAMINATION OF ORDNANCE.

9.—Instructions for the examination of ordnance will be found in Regulations for Army Ordnance Services. Examination of ordnance by I.O.O.

10. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the chief inspector, Woolwich. Examination of spare parts.

VI.—TEXT BOOKS, HAND BOOKS, AND RANGE TABLES.

11. Texts book, hand books, and range tables are issued in the following proportions, and will be held on charge as laid down in Equipment Regulations, Part I. Text and hand books.

Distribution.		Text books, sets.*a*	Handbooks.*b*	Range tables.
R.H.A. and R.F.A.	Officers commanding depôts	1	2 per nature of gun in the depôt.	2 per nature of gun in the depôt.
	Depôts ..	—	12 per nature of gun on charge.	12 per nature of gun on charge, 6 printed on rubber and 6 on paper.

a The text books referred to comprise the following works :—"Treatise on Ammunition," "Treatise on Military Carriages," "Treatise on Service Ordnance," "Treatise on Service Explosives."

b The following are the handbooks referred to :—

Handbook for nature of gun in use.
" " Telescopic Sights.
" of the Mekometer.

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VII.—STORES FOR THE REPAIR AND PRESERVATION OF EQUIPMENT.

Harness and Saddlery.

Staff of R.A. District.

12. The repair of saddlery allowed for the staff of Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Ordnance, Carriages, Projectiles, &c.

Reference to the detailed instructions.

13. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the "Regulations for the Care and Preservation of War Matériel and for Magazines" for the guidance of officers of artillery in carrying out the services therein referred to and of army ordnance officers in supplying such materials and stores as may be from time to time required for performing the same.

VIIa.—STORES FOR MUSKETRY INSTRUCTION.

14. The following stores will be allowed per depôt for musketry instruction :—

Articles.	No.
Weędon Section.	
Action, skeleton, M.L.E. rifle	1
Aim-correctors	2
Implements, action, M.L.M. (pattern D)	4
Woolwich Section No. 1.	
Caps, knee	10
Woolwich Section No. 23.	
Cartridges, dummy, drill, magazine rifle	48
Miscellaneous Stores.	
Rest, tripod with rings	2
Bags, sand	2

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VIII.—SETS OF TOOLS.

(*Referred to in Part* 1, *Equipment Regulations, and in Tables of Details.*)

CHEST, TOOL, FILLED, No. 10.

(Carriage Smiths, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 10	1
Braces, smiths', bits, countersink rose	1
Braces, smiths', bits, rimer, half round	1
Braces, smiths', bits, rimer, square	1
Braces, ratchet, 9-inch	1
Braces, ,, 12 ,, drills, Nos. 1 to 11	1 sets
Callipers, 6-inch	1 pairs
Callipers, 4 ,, inside	1 ,,
Cans, oil, lubricating, G.S.	1
Chisels, cross cut, 7-inch × ¼-inch	1
Chisels, engraving	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Chisels, rivet-head	1
Chisels, smiths', cold	1
Chisels, smiths', hot	2
Cutters, anvil, flat, smiths', 2-inch	1
Dividers, spring, 6-inch	1
Drivers, screw, G.S., 6-inch	1
Files, bastard, flat, 14-inch	2
Files, bastard, flat, 10 ,,	2
Files, bastard, ½ round, 12-inch	1
Files, bastard, ½ round, 8 ,,	1
Files, bastard, round, 10 ,,	1
Files, bastard, round, 6 ,,	2
Files, second cut, safe edge, 6 ,,	3
Flatters, smiths'	1
Fullers, bottom	1
Fullers, top	1
Hammers, fitters', 32-oz.	1
Hammers, ,, 8-oz.	1
Hammers, smiths', hand, 3-lb.	1
Handles, file, middling	2
Handles, file, small	1
Holders, rivet head, small	1
Plates, screw, B.A. Standard	1

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Chest, Tool, filled, No. 10. (Carriage Smiths, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, side cutting, 7-inch .. .. pairs	1
Pokers, smiths	1
Punches, centre, 4½-inch	1
Punches, round, ½-inch × 10-inch	1
Punches, smiths, hot, ½-inch	1
Punches, smiths, hot, ⅜ "	1
Rods, smiths, iron	4
Rules, armament artificers, 1-foot	1
Rules, saddletreemakers	1
Saws, cutting metal, 10-inch	1
Saws, " " blades, 10-inch	2
Scribers	1
Slices, farriers	1
Snaps, hand riveting, $\frac{7}{16}$-inch	1
Snaps, hand riveting, ⅜ "	1
Squares, box, fitters, steel, 4-inch, graduated	1
Squares, fitters..	1
Squares, smiths, steel..	1
Stocks, drill, bevel wheel	1
Stocks, " " bits (set of 6) .. .. sets	1
Tongs, smiths, fore bit.. .. .. pairs	1
Tongs, smiths, hollow bit .. .. "	1
Tool, rounding	1
Travellers	1
Vices, hand, 16-oz...	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 26.	
Stones, rag	2
Miscellaneous.	
Handbook, military artificers	1

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Chest, Tool, filled, No. 10. (Carriage Smiths, R.A., Field Service)—*continued.*

Articles.	No.
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.	
Woolwich Section No. 7.	
Tools, screw cutting, bolt and nut, R.A. field, Whitworth thread, $\frac{3}{4}$-inch to $\frac{3}{8}$-inch, field	1
Detail.	
Chest, empty	1
Tools, screw cutting, Whitworth thread, — Plates, screws, large (Mark I) ..	1
Plates, screws, small ,, ..	1
Taps, $\frac{3}{4}$-inch, 1st turn ,, ..	1
Taps, $\frac{3}{4}$-inch, 2nd ,, ,, ..	1
Taps, $\frac{3}{4}$-inch, plug ,, ..	1
Taps, $\frac{5}{8}$,, 1st turn ,, ..	1
Taps, $\frac{5}{8}$,, 2nd ,, ,, ..	1
Taps, $\frac{5}{8}$,, plug ,, ..	1
Taps, $\frac{1}{2}$,, 1st turn ,, ..	1
Taps, $\frac{1}{2}$,, 2nd ,, ,, ..	1
Taps, $\frac{1}{2}$,, plug ,, ..	1
Taps, $\frac{3}{8}$,, 1st turn ,, ..	1
Taps, $\frac{3}{8}$,, 2nd ,, ,, ..	1
Taps, $\frac{3}{8}$,, plug ,, ..	1
Wrenches, large (Mark I).. ..	1
Wrenches, small ,, ...	1
Tip oil (Mark 1)	1

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CHEST, TOOL, FILLED, No. 3F.
(Wheelers, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 3	1
Adapters, brace	1
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Aprons, basil, brown	2
Augers, $1\frac{1}{4}$ inch	1
Augers, $1\frac{1}{16}$ "	1
Augers, 1 "	1
Augers, $\frac{7}{8}$ "	1
Augers, $\frac{5}{8}$ "	1
Augers, $\frac{1}{2}$ "	1
Augers, handles, 16 inch	1
Augers, handles, $13\frac{1}{2}$ "	1
Augers, handles, 12 "	1
Awls, blades, brad	12
Awls, handles, brad, large	2
Awls, handles, brad, small	2
Axes, hand, 3-lb.	1
Bags, tool, carpenters'	1
Bevels, steel blade, 12 inch	1
Braces, carpenters', with 24 bits	1
Detail of bits:—	
Centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$ inch	—
Countersunk, flat	—
Countersunk, rose	—
Dowling sash	—
Gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$ inch	—
Nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Rimer, square	—
Screwdriver	—
Taper	—
Braces, smiths'	1
Callipers, 6-inch	1 pairs
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7 inch × $\frac{1}{4}$ inch	2
Chisels, firmer, coachmakers', $1\frac{1}{2}$-inch	1
Chisels, firmer, coachmakers', $1\frac{1}{4}$ "	1
Chisels, firmer, coachmakers', 1 "	1
Chisels, firmer, coachmakers', $\frac{3}{4}$ "	1
Chisels, firmer, coachmakers', $\frac{5}{8}$ "	1
Chisels, firmer, coachmakers', $\frac{3}{8}$ "	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	2
Chisels, mortice, $\frac{1}{4}$-inch	1

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Compasses, wing, 7-inch .. .. pairs	1
Dividers, spring, 6 inch	1
Drifts, steel, round, $\frac{5}{16}$-inch	1
$\frac{7}{16}$,, ...	1
$\frac{9}{16}$,, ...	1
$\frac{11}{16}$,, ...	1
$\frac{13}{16}$,, ...	1
Drivers, screw, G.S., 14 ,, ...	1
6 ,, ...	1
Files, bastard, flat, 14 inch	1
bastard, half round, 14 inch	1
bastard, round, 10 inch	2
bastard, round, 6 ,, ...	2
bastard, 3 square, 14 ,, ...	1
dead, smooth, hand, safe edge, 12 inch	1
saw, taper, second, $5\frac{1}{2}$ inch	4
saw, taper, second, 4 ,, ...	4
cut, single	1
Gauges, carpenters', marking	1
Gauges, carpenters', mortice	1
Gimlets, common, No. 1	1
Gimlets, common, ,, 2	1
Gimlets, common, ,, 3	1
Gouges, handled, firmer, 1 inch	1
Gouges, handled, firmer, $\frac{3}{4}$,, ...	1
Gouges, handled, firmer, $\frac{1}{2}$,, ...	1
Gouges, handled, pecking, 1 ,, ...	1
Hammers, fitters, 32 oz.	1
Hammers, fitters, 16 ,, ...	1
Hammers, fitters, 8 ,, ...	1
Hammers, riveting, 24-oz.	1
Hammers, smiths, sledge, 10 lb.	1
Hammers, screw	1*a*
Hammers, handles, 36-inch	1
Hammers, handles, 14 ,, ...	1
Handles, file, middling	2
Handles, file, small	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, ,, ...	1
Pencils, ,, ...	6
Pincers, ,, ... pairs	1
Planes, bead, $\frac{1}{4}$ inch	1
Planes, bead, $\frac{3}{8}$,, ...	1
Planes, compass	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G.S.	1

a Will be replaced by "Spanner, McMahon, 12-inch" when existing stock is used up.

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, flat nose .. .. pairs	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, centre, 4½-inch	1
Reels, carpenters', line	1
Rules, ,, common	1
Rules, saddletreemakers'	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, hand, 23½-inch	1
Saws, tenon, 14-inch	1
Screws, thumb	1
Scribers	1
Sets, saw, hand	1
Shaves, spoke, 3¼ inch	1
Shaves, spoke, 2½ ,, ...	1
Squares, carpenters', 9 inch	1
Stones, oil, carpenters'	1
Stones, oil, slip, Turkey	1
Tongs, wheeler, fitters' .. .. pairs	1
Woolwich Section No. 11.	
Chalk, white .. .. lbs.	1
Woolwich Section No. 18.	
Cloths, Sponge	4
Woolwich Section No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Miscellaneous.	
Handbook, military artificers	1

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CHEST, TOOL, FILLED. No. 5A.

(Saddlers.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4 inch	3
Awls, blades, buckling, 2¾ „	3
Awls, blades, drawing	2
Awls, blades, garnishing, 2¼ inch	2
Awls, blades, garnishing, ⅞ „	2
Awls, blades, harness, 1⅞ inch	3
Awls, blades, harness, 1¾ „	4
Awls, blades, harness, 1⅝ „	4
Awls, blades, harness, 1⅜ „	4
Awls, blades, harness, 1¼ „	3
Awls, blades, pannel, 5¾ „	2
Awls, blades, pannel, 4 „	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, ¾ inch × 8 inch	1
Clams, collarmakers' pairs	1
Claws, nail	1
Compasses, common, 7 inch pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G.S., 6 inch	1
Gimlets, common No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 2 4oz.	1
Hammers, riveting, 8 „	1
Hammers, riveting, saddle seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 „	1
Irons, collar, 23 „	1
Irons, pricking, 12 stitch	1
Irons, pricking, 8 „	1
Irons, pricking, 5 „	1
Irons, seat, stuffing, 14 inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half round	1
Knives, head	1
Lead, punching, collarmakers', 8 lb. pieces	1
Mallets, collar	1
Mallets, tinman's	1

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Chest, Tool, filled, No. 5A. (Collarmakers and Saddlers)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Needles, collar, half-moon, 6½ inch	1
5½ „	1
4½ „	1
packing, No. 1	2
2	2
3	2
4	3
5	3
6	3
darning, 4-inch	6
harness	100
saddlers', sewing	100
stitching	25
Palms, collarmakers'	1
Pincers, saddlers' .. pairs	1
Pliers, flat-nose .. „	1
Punches, oval, No. 31	1
„ 30	1
„ 28	1
„ 27	2
„ 24	1
„ 23	1
„ 22	2
„ 20	2
Rasps, shoemakers', 10 inch	1
Rules, collarmakers', 4 fold	1
Scissors, tailors' .. pairs	1
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
„ 2	1
„ 3	1
Woolwich Section No. 26.	
Stones, rag	1
rub, scythe	1
Steels, butchers'	1

The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for :—

Woolwich Section No. 7.	
Cards, towsing, small .. pairs	1*a*

a Towsing cards will not be issued unless specially demanded.

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CHEST, TOOL, FILLED, No. 7.

(Forge and Shoeing Tools.)

Articles.	No.
Forge Tools (1 set).	
Woolwich Section No. 7.	
Chests, tool, empty, No. 7	1
Chisels, farriers', handled	1
Cresses, No. 1, Mark II	1
Cresses, „ 2 „	1
Cutters, anvil, flat, smiths', 2-inch	1
Cutters, anvil, half round, farriers'	2
Cutters, anvil, nail, farriers'	1
Fullers, farriers', handled	1
Rammers, farriers', pointing	1
Rammers, farriers', sledge, 9½ lb.	1
Rammers, farriers', turning, Mark III	1
Pokers, smiths'	1
Pritchels, farriers'	3
Slices, farriers'	1
Stakes, farriers'	1
Stamps, farriers'	2
Tongs, farriers', fire pairs	1
Tongs, farriers', turning, large „	1
Tongs, farriers', turning, medium „	1
Tongs, farriers', turning, small „	1
Shoeing Tools (1 set).	
Woolwich Section No. 7.	
Aprons, basil, white	1*a*
Rags, tool, farriers'	1
Buffers, farriers'	1
Hammers, farriers', shoeing	1
Knives, drawing, farriers'	2
Knives, searching „	1
Pincers, farriers' pairs	1
Rasps, „ 16-inch	2
Stones, rag, farriers'	1

a An additional apron will be allowed for each man undergoing instruction as shoeing smith.

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DETAILS OF EQUIPMENT.

STAFF AND DEPÔTS.

Arms.

	TABLE 1.	General proportions.
	Weedon Section.	
54 Art. 1260	**Bottles,** oil, Mark III..	1 per rifle.
	Pull throughs, ...	1 „ „
	double	1 with 2 spare cords and gauzes.
	Pumps, mineral jelly, for filling oil bottles *c*	1 per depôt.
	Protectors, frontsight, No. 1 ..	1 per rifle.
	Reflectors, mirror *b*	2 per depôt.
	Rifles, M.L.-E.	12 per depôt *a*.
	Rifles, D.P.	36 „ „
54 Art. 420	**Scabbards,** sword, cavalry, pattern 1899, Mark I	1 per depôt for training officers' chargers.
	Swords, cavalry, pattern 1899 ..	

Accoutrements.

	TABLE 2.	General proportions.
54 Art. 1260	*Woolwich Section No.* 1.	
	Bandoliers, shoulder, 50-rounds ..	1 per N.-C. officer and man.
	Belts, waist, buff, cavalry, patt. '85 S.S.	1 per staff serjeant.
	Belts, waist, buff, cavalry, patt. '85 O.R.	R.H.A., 1 per N.-C. officer (except staff serjeants) trumpeters, artificers and 1 per boy, and 50 per cent. for gunners and drivers. R.F.A., 1 per N.-C. officer (except staff serjeants), trumpeter, shoeing smith, and 1 per boy.
	Belts, waist, buff, field artillery, dismounted and drivers, with plate	gunners and drivers, except acting bombardiers; and artificers, except farriers and shoeing smiths.

a Not to be used for the instruction of recruits.
b For examining interior of barrels.
c When available.

N.B.—Repairs to arms that cannot be performed by battery artificers will be executed as directed in Equipment Regulations, Part I.

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Accoutrements—*continued.*

TABLE 2—*continued.*	General proportions.	
Woolwich Section No. 1—continued.		
Bottles, water, enamelled, L.S., Mark IV *a*	1 per staff serjeant, N.-C. officer, man, and boy wearing a belt.	
Carriers, water bottle, *c*	1 per water bottle.	
Frogs, brown, wire cutter	1 per wire cutter.	
Handcuffs, common .. .. pairs	2 per depôt.	
Haversacks, mounted services, drab, *c*	1 per staff serjeant, N.-C. officer, man, and boy wearing a belt	A.C.D. 38 519
Knots, sword, buff, cavalry, line, O.R.	1 per cavalry sword, other ranks.	
Slings, rifle	1 per rifle.	
Straps, buff or web, water bottle, mounted services *b* ..	1 per water bottle.	
Straps, mess tin, mounted services	1 per staff serjeant, N.-C. officer, man, and boy wearing a belt.	A.C.D. Gen. No. 1328
Tins, mess, mounted services		

Mobilization Equipment (for Reservists).

TABLE 2a.	Per depôt. R.H.A.	Per depôt. R.F.A.	
Woolwich Section No. 1.			
Bags, kit, R.A.	900	1500	
Bandoliers, shoulder, 50 rounds	900	1500	
Bottles, water, enamelled, Mark IV *a*	900	1500	
Carriers, water bottle, *c*	900	1500	
Haversacks, mounted services, drab	900	1500	54
Straps, buff or web, water bottle, mounted services, *b*	900	1500	Art. 9960
Straps, mess tin, mounted services	900	1500	
Tins, mess, mounted services	900	1500	
Woolwich Section No. 7.			
Anvils, 5lb. *e*	1	1	
Brushes, sable, writing, duck, large *e*	2	2	
Chisels, ripping *d*	1	1	
Drivers, screw, G.S., 9-inch *d*	1	1	
Hammers, riveting, 8 oz. *e*	1	1	
Hammers, riveting, 24 oz. *d*	1	1	
Nail pullers *d*	1	1	
Woolwich Section No. 11.			
Soap, yellow, bars	225	375	
Woolwich Section No. 23.			
Cartridges, small arm, ball, cordite, ·303 inch *f* ..	45000	75000	57 Gen. No. 4161

a When existing stock is used up Mark VI will be issued.
b When existing stock is used up, straps, shoulder, water bottle, mounted services, will be issued. *c* Only when Mark VI water bottles are issued. 54 Gen. No. 8654
d Tools opening packages. *e* For marking purposes. *f* 50 rounds per bandolier.

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Mobilization Equipment (for Reservists)—*continued.*

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TABLE 2a—*continued.*	Per depôt. R.H.A.	Per depôt. R.F.A.
Woolwich Section No. 25.		
Irons, branding, ⅝ inch — figures, 0 to 8 .. .. sets	1	1
Irons, branding, ⅝ inch — letters, alphabet .. .. ,,	1	1
Stamps, Copper, inlaid, ½ inch — figures, 0 to 8 ,,	1	1
Stamps, Copper, inlaid, ½ inch — letters, 1 letter alphabet .. ,,	1	1
Stamps, Steel, for, metal, ⅛ inch — figures, 0 to 8 ,,	1	1
Stamps, Steel, for, metal, ⅛ inch — letters, 1 letter alphabet .. ,,	1	1
Stamps, Steel, for, wood, $\frac{3}{16}$ inch — figures, 0 to 8 ,,	1	1
Stamps, Steel, for, wood, $\frac{3}{16}$ inch — letters, 1 letter alphabet .. ,,	1	1
Stamps, Steel for metal $\frac{3}{16}$ inch — figures, 0 to 8 ,,	1	1
Stamps, Steel for metal $\frac{3}{16}$ inch — 1 letter (A or B) ..	1	—
Stamps, Steel for metal $\frac{3}{16}$ inch — 3 letters (R.F.A.) ..	—	1
Stamps, Steel for metal $\frac{3}{16}$ inch — 3 letters (R.H.A.) ..	1	—
Stamps, Steel for metal $\frac{3}{16}$ inch — 5 letters (Depôt) ..	1	1
Typeholders, ...	2	2
Typeholders, blocks	2	2
Typeholders, type, copper inlaid, ½ inch (regimental initials)	1	1

Articles for Repair of Accoutrements.

TABLE 3.	Per depôt. Annual supply. R.H.A.	Per depôt. Annual supply. R.F.A.
Woolwich Section No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	8	3
Buckles, brass, waist-belt, field artillery	—	3
Buckles, brass, waist-belt, cavalry — line..	2	*a*
Buckles, brass, waist-belt, cavalry — patt. '85	6	*a*
Chapes, waist-belt, cavalry, patt. '85	6	*a*
Pieces, leather, 4¼ in. × ¾ in. — (for waist belt)	4	*a*
Pieces, leather, 4¼ in. × ¾ in. — (for waist belt safe, patt. '85)	6	*a*
Pieces, buff, 3 ,, × ½ ,, (for inside of waist belt) ..	4	5
Safes, waist-belt, buff, cavalry	2	*a*
Short parts, waist-belt, cavalry, patt. '85	6	*a*

a 3 per cent. brass articles and 5 per cent. leather.

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Musical Instruments.

TABLE 4.	General proportions.
Woolwich Section No. 1.	
Cases, drum, brass, large	1 per depôt.
Drums, side, brass, large	1 „
Drums, side, sticks .. pairs	1 „
Bugles *a*	R.H.A. 1 per serjeant trumpeter, and trumpeter, and 35 additional per depôt for training boys. R.F.A.—1 per serjeant trumpeter and trumpeter, and 20 additional per depôt for training boys.
Trumpets *a*	
Strings, bugle and trumpet, royal *a* ..	1 per bugle and 1 per trumpet.
Tuning forks	1 per depôt.

a The boys' detachment, Royal Field Artillery, at Aldershot, is allowed 10 of each of these articles.

Harness and Saddlery.*a*

TABLE 5.	Per depôt. R.H.A.	Per depôt. R.F.A.	Staff. R.H.A.	Staff. R.F.A.	Remarks.
SADDLERY.					
Woolwich Section No. 5.					
Officers .. .. sets	5	7	1	—	See Army Order 4 of January, 1904.
Woolwich Section No. 6.					
Universal, steel arch, pattern 1890 .. .. .. sets	37	21	9	3	
HARNESS.					
Woolwich Section No. 5.					
Pole-draught, R.A.,*b* lead, single, sets	8	8	—	—	Short traces at the rate of 1 pair per single set of lead and centre harness.
Pole-draught, R.A.,*b* wheel, single, sets	4	4	—	—	Traces, saddlery, are allowed at the rate of 2 pairs per carriage limber; carried on footboards.
G.S., R.A. (shaft draught) wheel, off	1	1	—	—	

a For details of sets of harness and saddlery *see* Appendix VIII*b*, Part I, Equipment Regulations.

b In order to increase facilities for instructions in riding drill, sufficient stirrup irons, stirrup leathers, and stirrup leather runners may be demanded to complete each "off" saddle with these articles.

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Harness and Saddlery.

TABLE 6.	Spare per depôt. R.H.A.	Spare per depôt. R.F.A.	Remarks.
Woolwich Section No. 2.			
Ropes, head, hemp, with ring ..	2	2	
Woolwich Section No. 5.			
Bits, portmouth, reversible { Mark II ..	2	2	
Bits, portmouth, reversible { heads, bridle ..	1	1	
Chains, hame, Mark II *a*	2	2	
Couples, trace	1	1	
Hames *a*.. .. .. .. pairs	1	1	
Hooks, pole-bar *a*	2	2	
Leggings, drivers *a*	1	1	
Links, double *a*	2	2	
Pannels, numnah, drivers, Mark I, pairs	1	1	
Pans, oil	1	1	Annual supply.
Pieces, buckling, 1½-inch *b*	1	1	
Reins, { bearing, Mark II *c*	1	1	
Reins, { driving, long *d* .. sets	1	1	
Reins, { side	1	1	
Rings, clip *d*	2	2	
Straps, { back *d*	2	2	
Straps, { breast, breeching *a*.. ..	1	1	
Straps, { flank	2	2	
Straps, { hame..	1	1	
Straps, { pole *a*	1	1	
Straps, { wither, 1½-in. *e*	1	1	
Traces, harness, short .. .. pairs	1	1	
Whips, { drivers	2	2	
Whips, { driving *d*	1	1	
Woolwich Section No. 6.			
Bits, bridoon	1	1	
Chains, { bridoon, 6 links	2	2	
Chains, { curb, portmouth bit, H. and S.	1	1	
Collars, head, Mark III	1	1	
Hooks, curb, portmouth bit, H. and S.	2	2	
Girths, leather, patt. '84	1	1	
Reins, bridoon	1	1	
Straps, shoe case, pattern '84	1	1	
Surcingles, leather, harness	1	1	

a Special to pole draught, R.A.
b 1-inch will be issued when stock of 1½-inch is exhausted.
c One leading rein in lieu of bearing rein per double set will be issued until store of leading reins is exhausted.
d Provided in order that the Artillery or A. and S. wagon may be driven from the box if required.
e 1-inch will be issued with "pieces, buckling, 1-inch."

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Harness and Saddlery, Stable Necessaries and Equitation Articles.

TABLE 7.	General proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse.
Bridles, mouthing, bits .. .. / heads, bridle / reins ..	2 per depôt.
Bridles, snaffle	6 per depôt.
Brushes, harness, hard	1 per double set of harness.
Brushes, horse	1 per horse. Supplied yearly on 1st April.
Combs, curry	1 per horse. Supplied yearly on 1st April.
Rubbers, horse	1 per horse annually.
Scissors, trimming .. .. pairs	1 pair per 12 horses annually.
Sponges, 7-drachms	3 per riding horse, and 4 per draught horse. Supplied yearly on 1st April.
Straps, kicking *a*	1 per depôt.
Whips, hand	4 ,,
Whips, longeing	2 ,,
Woolwich Section No. 6.	
Frogs, sword saddle	1 ,,

54 / 2 D. Gds. / 365

a Special to pole-draught, R.A.

HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery, including Saddletrees, are given in Appendix XIV, Part 1, Equipment Regulations.

Materials for Repair and Preservation of Equitation Articles.

TABLE 8.	Per depôt. R.H.A.	Per depôt. R.F.A.	Remarks.
Woolwich Section No. 5.			
Sponges, 7-drachms	2	2	Annual supply.
Woolwich Section No. 6.			
Cord, whip .. .. ozs.	6	6	Annual supply.
Woolwich Section No. 11.			
Oil, rape .. .. .. pints	2	1	Annual supply.
Soap, soft *a* .. .. lbs.	6	5	Annual supply.
Woolwich Section No. 30.			
Linen, old (rags) .. .. lbs.	½	¼	Annual supply.

a ½ bar of hard soap may be drawn in lieu of every ¾ lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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Carriages.

TABLE 9.	B.L., 12-pr. 6-cwt. (special), and 15-pr. Gun carriages and limbers. Packed as for service. *a*	Per depôt. R.H.A.	Per depôt. R.F.A.
Woolwich Section No. 4.			
54 Art. 9182 — **Cart,** fatigue, converted forge	—	1	1
Woolwich Section No. 13.			
Bars, supporting draught pole, No. 2, (spare)	—	1	1
Carriages, field, B.L. — special, 12-pr. 6-cwt. ¶ ..	—	2	—
Carriages, field, B.L. — 15-pr. *b*	—	—	2
Covers, wagon, Artillery	—	1	1
Handspikes, traversing, — No. 1, Mark II (spare)	—	—	1†‡
Handspikes, traversing, — ,, 2 ,, ,,	—	—	1§
Handspikes, traversing, — special, 12-pr. 6 cwt.	—	1	—
Hoops, bale, wagon, artillery .. sets	—	1	1
Keys, limber, hook, No. 2 .. (spare)	—	1	1
Limbers, field, B.L. — special, 12-pr. 6-cwt., carriage ¶	—	2	—
Limbers, field, B.L. — 15-pr., carriage *b* ..	—	—	2
Pins, linch, 2nd class — Mark II .. (spare)	1*c*	1	1
Pins, linch, 2nd class — wagon, artillery .. ,,	—	1	1
Spanners, — No. 176 .. .. ,,	—	—	1†
Spanners, — hydraulic buffer, carriage, B.L., special, 12-pr. 6 cwt.	1	2	—
Swingletrees, Nos. 7A or 10A .. ,,	1	3	3
Wagons, artillery (or A. & S., R.A.) ..	—	1	1
Washers, drag, — 2nd class, "C" Mark II (spare)	1*c*	2	2
Washers, drag, — wagon, artillery ,,	—	1	1
Wheels, 2nd class C, No. 35A .. ,,	—	1	1

a Except ammunition.
b Mark I* carriages and Mark IIB special limbers with No. 1 depôt.
Mark IA special } carriages and limbers { 4, 6, and 7 depôts.
Mark IIIc special } with Nos. { 2, 3, and 5 depôts.
c 1 per section.
† Mark I* carriages.
‡ Mark IA special carriages.
§ Mark IIIc special carriages.
¶ Vickers experimental.

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Tools for Painting Carriages, &c.
Triennial Supply, during Peace only.

TABLE 10.	Per depôt. R.H.A.	Per depôt. R.F.A.	Remarks.
Woolwich Section No. 5.			
Pans, oil	6	6	
Woolwich Section No. 7.			
Brushes, sable, writing, duck, large	2	2	
Cans, paint, 7½-in. diameter ..	1	1	
Cans, paint, 7 ,, ,, ..	1	1	
Knives, palette, 9-in.	1	1	
Knives, putty	1	1	
Woolwich Section No. 25.			
Brushes, paint,*a* ground 0 0 0 ..	1	1	
Brushes, paint,*a* sash tool, No. 2 ..	2	2	
Brushes, paint,*a* sash tool, ,, 4 ..	1	1	
Brushes, paint,*a* sash tool, ,, 6 ..	1	1	

a Supplied annually.

Materials for Painting Carriages.
Annual Supply.

TABLE 11.	Paint prepared — Khaki colour. lbs.	Paint prepared — Khaki colour. ozs.	Putty. lbs.	Putty. ozs.	
Woolwich Section No. 13.					
Carriages, field, B.L., 12-pr., 6 cwt. (special), or 15-pr. ..	5	12	0	8	¼ gill of raw linseed oil for side-arms, to each carriage.
Covers, wagon, A. & S., R.A. II to III..	9	0	—	—	
Covers, wagon, A. & S., R.A. IV ..	11	4	—	—	
Covers, wagon, artillery ..	12	4	—	—	
Limbers, field, B.L., 12-pr., 6 cwt. (special), or 15-pr. ..	5	8	0	8	
Poles, draught	0	5	0	1	
Wagons, artillery	15	0	2	0	
Wagons, A. & S., R.A. ..	16	0	2	0	
Wheels, 2nd class, "C," No. 35 or 35A	1	8	0	2	
Wheels, 2nd class, "C," ,, 37.. ..	1	0	0	1	
Wheels, 2nd class, "C," ,, 38.. ..	1	0	0	2	

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Time and Working Pay allowed for Scraping, Cleaning and Painting, Carriages, &c. *a*

TABLE 12.	Scraping and cleaning.		Painting.			
			Priming, or first coat.		Stopping, and second coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
Woolwich Section No. 13.	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
Carriages, field, B.L., 12-pr., 6 cwt. (special) or 15-pr. ..	7 30	0 7½	5 0	0 7½	6 30	0 9¾
Covers, wagon, A. & S., R.A. II to III	—	—	3 0	0 3	—	—
Covers, wagon, A. & S., R.A. IV	—	—	3 45	0 3¾	—	—
Covers, wagon, artillery	—	—	4 0	0 4	—	—
Limbers, field, B.L., 12-pr., 6 cwt. (special) or 15-pr. ..	7 30	0 7½	5 0	0 7½	6 30	0 9¾
Wagons, A. & S., R.A. / artillery	13 0	1 1	13 0	1 7½	17 0	2 1½
Wheels, 2nd class, "C" No. 35, 35A or 36	0 40	0 0⅔	0 50	0 1¼	1 0	0 1½
Wheels, 2nd class, "C" ,, 37 or 38A	0 25	0 0 5/12	0 40	0 1	0 45	0 1⅛

a See Part I Equipment Regulations.

Materials, Time and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 13.	Khaki colour, each coat.	Lacquer, for bore, each coat.	Cleaning exterior and interior.		Painting exterior and lacquering interior, one coat.	
			Time.	Amount.	Time.	Amount.
	lbs. ozs.	lbs. ozs.	H. M.	s. d.	H. M.	s. d.
Ordnance, B.L. 12-pr., 6 cwt...	0 6	0 1¾	2 0	0 2	0 30	0 0¾
Ordnance, B.L. 15-pr...	0 7	0 2	2 0	0 2	0 30	0 0¾

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Camp Equipment.

TABLE 14.	B.L., 12-pr., 6-cwt. (special), and 15-pr.	Per depôt.	
	Gun carriages and limbers.	R.H.A.	R.F.A.
	Packed as for service. *a*		
Woolwich Section No. 2.			
Axes, felling, curved helve	1	2	2
Axes, pick, heads, 4½ lbs. ..	1	2	2
Axes, pick, helves, 36-in. ..	1	2	2
Buckets, water, G. S., leather	4	8	8
Hooks, bill	1	2	2
Kettles, camp, oval, 12-quarts	—	*b*	*b*
Pads, surcingle, Mark II	—	*c*	*c*
Ropes, picketing, 66-ft. *e*	1	1	1
Rugs, horse, large *d*	—	2*d*	1*d*
Spades, N.P.	2	4	4
Woolwich Section No. 27.			
Blankets, G. S.	2	4	—
	4	—	8

a Except ammunition.
b 1 per 3 officers or 15 men.
c 1 per surcingle.
d For sick horses.
e 4 ft. 9 in. ropes to be made up into lengths will be issued until existing stock is exhausted.

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Ordnance and General Stores.

TABLE 15.	B.L., 12-pr. 6 cwt. (special), and 15-pr. Gun carriages and limbers. Packed as for service. *a*	Per depôt. R.H.A.	Per depôt. R.F.A.
Woolwich Section No. 5.			
Brushes, water, carriage	1	2	2
Woolwich Section No. 7.			
Anvils, 5 lb. *h*	—	1	1
Brushes, sable, writing duck, large *h* ..	—	2	2
Chests, tool, filled, *b* — No. 3F	—	1	1
Chests, tool, filled, *b* — ,, 5A	—	1	1
Chests, tool, filled, *b* — ,, 7	—	1	1
Chests, tool, filled, *b* — ,, 10	—	1	1
Chests, tool, screw cutting, R.A., field, Whitworth thread, ¾-in. to ⅜-in. filled *b*	—	1	1
Chisels, ripping *c*	—	1	1
Cutters, wire	—	2	2
Drivers, screw, G.S. — 4-in.	1	2	2
Drivers, screw, G.S. — 9-in. *c*	—	1	1
Grindstone, F.S., 10-in.	—	1	1
Hammers, claw, 20-oz.	1	2	2
Hammers, riveting, 24-oz. *c* ..	—	1	1
Hammers, riveting, 8-oz. *h* ..	—	1	1
Nail pullers *c*	—	1	1
Pincers, carpenters' .. .. pairs	1	2	2
Spanners, McMahon, 15-in.	1 *f*	1	1
Tools, forge *d* .. .. .. sets	—	1	1
Tools, shoeing *d* .. .. ,,	—	4	4
Tools, tinman's *g* .. .. ,,	—	1	1
Woolwich Section No. 10.			
Jacks, lifting, G.S...	—	1	1
Nails, horse shoe, (*see* Shoes, horse) ..	—	—	—
Shoes, horse *e* .. .. (spare) sets	—	—	—

a Except ammunition.
b For contents of chests, *see* pages 9–17.
c Tools, opening packages.
d One set for each farrier and shoeing smith, including the set allowed with "Chest, tool, filled, No. 7," and one set spare for instructional purposes.
e One set of shoes and nails for each horse.
f 1 per section.
g Groovers, 1; irons, soldering, 1; sponge cloths, 4; mallets, tinman's, 1; shears, tinman's, Scotch, pairs, 1; solder, 1½-lbs.
h For marking purposes.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*

	B.L., 12-pr. 6-cwt. (special), and 15-pr.	Per depôt.	
	Gun carriages and limbers.	R.H.A.	R.F.A.
	Packed as for service. *a*		
Woolwich Section No. 11.			
Bricks, bath *f*	2	4	4
Cylinders, paint, No. 3..	—	1	1
Grease, lubricating, for cool climates, lbs.	3	12	12
Mineral jelly *bc* .. .. ,,	—	3	3
Oil, olive, best quality, lubricating *cd* .. .. .. pints	—	2	2
Oil, Rangoon *d* .. .. .. ,,	—	10	10
Oil, rape, *f* .. .. .. ,,	3	6	6
Soap, *f* soft .. .. .. lbs.	1	2	2
Soap, *f* yellow .. .. .. bars	12	24	24
Wax, bees *f* .. .. .. ozs.	4	8	8
Tallow, Russian or home melted English *cd* .. .. .. lbs.	—	2	2
Woolwich Section No. 13.			
Cans, lubricating, No. 9..	1	2	2
Holdalls, cleaning, materials *e* ..	—	2	2
Magazines, portable, B.L., 15-pr. and 12-pr. 6-cwt. cordite	2	—	4
Posts, aiming, circular head	1	2	2
Posts, aiming, diamond ,, ...	1	2	2
Posts, aiming, square ,, ...	1	2	2
Woolwich Section No. 17.			
Covers, bracket, telescopic, sight, B.L., 15-pr. and 12-pr.	1	2	2
Ordnance, B.L. 12-pr. 6-cwt., Mark III ..	—	2	—
Ordnance, B.L. 15-pr. *g*	—	—	2

54 Art. 206

a Except ammunition.
b For protection of bore and breech fittings.
c Annual supply.
d For preservation of obturating pads.
e To replace "Cartouches, leather," when those on charge are used up.
f For care and preservation of vehicles, &c. Annual supply.
g Mark II guns with Nos. 1, 4, 6 and 7 depôts. Mark III guns with Nos. 2, 3 and 5 depôts.

54 Art. 206

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt. (special), and 15-pr.	Per depôt.	
	Gun carriages and limbers.	R.H.A.	R.F.A.
	Packed as for service. *a*		
Woolwich Section No. 17—*contd.*			
FITTINGS (SPARE).			
Ordnance, B.L., 12-pr. 6-cwt., Mark III.			
discs, adjusting obturator ..	1	2	—
obturators	1	2	—
Ord. B.L., 15 and 12-pr.— bracket, telescopic sight ..	—	1	—
Ord. B.L., 12-pr. 6-cwt.— bolt, elevating	—	1	—
Ord. B.L. 15-pr., Marks II–IV., and 12-pr. Marks II–IV.— box, slide	—	1	—
extractors, box, slide	—	2	—
TO BE DEMANDED SEPARATELY.			
Bits, vent, 14-inch, *b*	1	2	—
Boxes, obturator, steep-coned, B.L., 15 and 12-pr., Marks II–IV guns ..	1	2	—
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., Marks II–IV—			
Wrenches, breech mechanism — A	1	2	—
B	1	2	—
C	1	2	—

a Except ammunition.
b 11-in. to be retained until unserviceable.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt. (special), and 15-pr. Gun carriages and limbers. Packed as for service. *a*	Per depôt. R.H.A.	Per depôt. R.F.A.
Woolwich Section No. 17—contd.			
TO BE DEMANDED SEPARATELY—*continued.*			
Rimers, vent, T	1	2	—
Sights, B.L. fore, 15-pr. and 12-pr., Mark II..	1	2	—
Sights, B.L. tangent, 12-pr., Marks II* and III guns, Mark II	1	2	—
Sights, B.L. telescopic, 12-pr., Mark II gun, Mark III	1	2	—
FITTINGS (SPARE).			
Ordnance, B.L., 15-pr.— Bolts, elevating..	—	—	2
Ordnance, B.L., 15-pr. Marks II and III, block, retaining tube	—	—	1
Ordnance, B.L., 15-pr. Marks II and III, box, slide	—	—	1
Ordnance, B.L., 15-pr. Marks II and III, bracket, telescopic sight	—	—	
Ordnance, B.L., 15-pr. Marks II and III, carrier	—	—	1
Ordnance, B.L., 15-pr. Marks II and III, disc, adjusting, obturator.. ..	—	—	2
Ordnance, B.L., 15-pr. Marks II and III, extractor, box, slide	—	—	2
Ordnance, B.L., 15-pr. Marks II and III, lever, breech, mechanism ..	—	—	1
Ordnance, B.L., 15-pr. Marks II and III, obturators .. .. .. sets	—	—	2
Ordnance, B.L., 15-pr. Marks II and III, pinion, link	—	—	1
Ordnance, B.L., 15-pr. Marks II and III, vents, T, axial	—	—	2
TO BE DEMANDED SEPARATELY.			
Bits, vent, 14-inch	1	—	2
Boxes, obturator, steep coned, B.L., 15-pr. and 12-pr., Mark II to IV guns	1	—	4
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., Marks II–IV, Wrenches, breech, machanism, A ..	1	—	2
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., Marks II–IV, Wrenches, breech, machanism, B ..	1	—	2
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., Marks II–IV, Wrenches, breech, machanism, C ..	1	—	2

a Except ammunition.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt. (special), and 15-pr.	Per depôt.	
	Gun carriages and limbers.	R.H.A.	R.F.A.
	Packed as for service.*a*		
Woolwich Section No. 17—*contd.*			
TO BE DEMANDED SEPARATELY—*continued.*			
Rimers, vent, T	1	—	4
Sights, B.L. — fore, 15-pr., mark III gun special	1	—	3
Sights, B.L. — fore, 15-pr., marks II and IV, and 12-pr., mark IV guns	1	—	3
Sights, B.L. — tangent, 15-pr., marks II to IV guns, mark V ..	1	—	3
Sights, B.L. — telescopic, 15-pr., mark IV ..	1	—	2
Woolwich Section No. 18.			
Brushes, breech screw	1	2	2
Caps, sponge, No. 6	2	4	4
Cleaners, B.L., 15 and 12-pr. — piasaba	1	2	2
Cleaners, B.L., 15 and 12-pr. — wool	1	2	2
Cloths, sponge	—	20*b*	20*b*
73 / 3 / 2504 / 54 / Art. / 1136 — **Covers,** breech, B.L., 12-pr. and 15-pr., Mark II	1	2	2
Covers, muzzle, No. 1	1	2	2
Rammers, B.L. 15 and 12-pr. *c* ..	1	2	2
Ropes, drag, light, G.S. .. .. pairs	1	2	2
Sponges, R.M.L., 13-pr., jointed ..	—	1	1
Woolwich Section No. 22.			
Implements, fuze, shell and cartridge — Keys, fuze, universal	4	8	8
Lanyards, friction tube, field, T, Mark II	3	6	6

a Except ammunition. *b* Annual supply.
c Not for Mark I* carriages.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt. (special), and 15-pr. Gun carriages and limbers. Packed as for service.*a*	Per depôt. R.H.A.	Per depôt. R.F.A.
Woolwich Section No. 25.			
Boards, inventory	—	1	1
Irons, branding, ⅜-in. — figures, 0 to 8 .. sets	—	1	1
Irons, branding, ⅜-in. — letters, alphabet .. ,,	—	1	1
Stamps, copper, inlaid, ½-in. — figures, 0 to 8.. ,,	—	2	2
Stamps, copper, inlaid, ½-in. — letters, 1 letter, alphabet sets	—	2	2
Stamps, steel for metal, ⅛-in. — figures, 0 to 8 .. ,,	—	2	2
Stamps, steel for metal, ⅛-in. — letters, 1 letter, alphabet sets	—	2	2
Stamps, steel for wood, 3/16-in. — figures, 0 to 8 .. ,,	—	2	2
Stamps, steel for wood, 3/16-in. — letters, 1 letter, alphabet sets	—	2	2
Stamps, steel for metal, 3/16-in. — figures, 0 to 8 .. ,,	—	2	2
Stamps, steel for metal, 3/16-in. — 1 letter (A or B) ..	—	2	—
Stamps, steel for metal, 3/16-in. — 3 letters (R.F.A.) ..	—	—	2
Stamps, steel for metal, 3/16-in. — 3 ,, (R.H.A.) ..	—	2	—
Stamps, steel for metal, 3/16-in. — 5 ,, (Depôt) ..	—	2	2
Typeholders, ...	—	4	4
Typeholders, blocks	—	4	4
Typeholders, type, copper inlaid, ½-in. (regimental initials)	—	2	2
DRILL AND INSTRUCTIONAL STORES.			
Woolwich Section No. 7.			
Spikes, marline	—	6	6
Woolwich Section No. 13.			
Lithographs, coloured, small, R.L. (fuzes and shells) .. .. sets	—	2	2
Woolwich Section No. 18.			
Cordage, hawser, 3-strand, white, 1-in. or 1½-in., fine *b* ..	—	24	24

a Except ammunition. *b* For knotting.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt. (special), and 15-pr.	Per Depôt.	
	Gun carriages and limbers.	R.H.A.	R.F.A.
	Packed as for service.*a*		
DRILL AND INSTRUCTIONAL STORES—*continued.*			
Woolwich Section No. 22.			
Boxes, section of fuzes, No. 4 ..	—	1	1
Fuzes, drill, time and percussion *b*	—	24*c*	24*c*
Fuzes, section, time and percussion .. before firing	—	1	1
Fuzes, section, time and percussion .. after firing	—	1	1
Tubes, friction, T, drill	—	3	3
Woolwich Section No. 22A.			
54 Art. 1575 **Shells,** B.L., Shrapnel, 12-pr., 6-cwt. empty ..	—	24	—
Shells, B.L., Shrapnel, 12-pr., 6-cwt. filled sections	—	1	—
Shells, B.L., Shrapnel, 12-pr., 6-cwt. in parts ..	—	1	—
Shells, B.L., Shrapnel, 15-pr. empty ..	—	—	24
Shells, B.L., Shrapnel, 15-pr. filled sections	—	—	1
Shells, B.L., Shrapnel, 15-pr. in parts ..	—	—	1
Shot, B.L. or Q.-F., case, 15-pr., or 12-pr., Mark V, in parts	—	1	1
Woolwich Section, No. 28.			
54 Art. 1419 **Mekometers,** artillery, horse and field, with appurtenances, complete *e* sets	—	1	1
Woolwich Section No. 30.			
Cordage, old, 2-in., or over *d*	—	12	12

a Except ammunition.
b 3 steel washers, spare, per battery, are allowed for use with time and percussion drill fuzes.
c Burnt out fuzes will be used.
d Annual supply for splicing.
e To be replaced by Mekometer, G.S., when existing stock is exhausted.

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Materials, Repairing Carriages, &c.

TABLE 16.

		Per depôt. R.H.A. B.L., 12-pr. 6-cwt. (special).	Per depôt. R.F.A. B.L., 15-pr.	For what purpose.	Remarks.
Woolwich Section No. 10.					
Nails, copper rose head, strong, No. 451	lbs.	¼	½	General repairs.	
Nails, steel, brad, fine pointed, No. 26	,,	⅛	¼	General repairs.	
Nails, steel, clasp fine, No. 72	,,	¼	—	General repairs.	
Nails, steel, clasp strong, No. 80	,,	¼	—	General repairs.	
Nails, iron, clout, wrought, countersunk head, No. 104	,,	⅛	—	General repairs.	
Nails, wire, grooved 2-in...	,,	—	½	General repairs.	
Nails, wire, grooved 1½-in.	,,	—	½	General repairs.	
Screws, iron, flathead 2-in. gauge, No. 14 ..		6	6	General repairs.	
Screws, iron, flathead 1½ ,, ,, ,, 13 ..		6	6	General repairs.	
Screws, iron, flathead 1 ,, ,, ,, 12 ..		8	8	General repairs.	
Screws, iron, flathead ¾ ,, ,, ,, 10 ..		8	8	General repairs.	
Screws, brass, 1-in., gauge, No. 12		—	4	General repairs.	
Tacks, copper, No. 473	lbs.	¼	½	General repairs.	
Tacks, steel, cut, No. 192	,,	¼	½	General repairs.	
Woolwich Section No. 11.					
Glue, best town made	lbs.	½	1½	Boxes and general repairs.	
Oil, linseed, boiled	pints	½	½	Elevating gear and working parts of carriage.	

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 16—*continued.*	Per depôt. R.H.A. B.L., 12-pr. 6-cwt. (special).	Per depôt. R.F.A. B.L., 15-pr.	For what purpose.	Remarks.
Woolwich Section No. 11.—*contd.*				
Paint, prepared for use, black, lamp, ... ozs.	2	4	Lettering batteries and painting aiming posts.	
Paint, prepared for use, lead, white, ... ,,	2	4		
Turpentine, spirits of .. .. pints	⅛	⅛		
Woolwich Section No. 13.				
Bolts, with nuts, countersunk head .. .. ½ in. × 2 in...	2	—	General repairs.	
Bolts, with nuts, countersunk head .. .. ½ in. × 4 in...	—	6		
Iron, pieces, bolt, 2 ft. 8 in. × ½ in.	—	1		
Iron, pieces, bolt, 2 ft. 8 in. × ⅞ in.	1	—		
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × ¾ in.	1	—		
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × ½ in.	—	1		
Iron, pieces, plate, 1 ft. 6 in. × 6 in. (W. G., No. 12) ..	1	—		
Iron, pieces, tire, 12 in. × 2½ in. × ½ in.	1	1		

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Keys, pole pin, No. 17 to 18 pole	1	1		
Pins, pole, No. 17 to 18 pole	1	1		
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{3}{4}$ in.	—	3	General repairs.	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{1}{8}$ in.	3	—	General repairs.	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $\frac{3}{4}$ in.	3	—	General repairs.	
Rivets, steel, conical head, $\frac{3}{8}$ in. × 3 in.	2	2	Movable steels.	
Springs, seat, B.L., 15-pr. .. .. .. set	—	1		
Staples, lashing, riveting, $\frac{5}{16}$ in.	2	2		
Staples, lashing, with plate, single $\frac{3}{16}$ in.	1	1		
Steels, movable, limber hook..	1	1		
Steels, movable, trail, eye, or perch..	1	1		
Straps, securing, 32 in. × 1 in., B.P.C.B.	2	2	For blankets.	
Straps, securing, 13 in. × 1 in.	2	2	Pick axe, bill hook, drag washer, water brush.	
Woolwich Section No. 14.				
Keys, split, round, loop $\frac{3}{8}$ in. × $3\frac{1}{2}$ in.	3	4		
Keys, split, round, loop $\frac{3}{16}$ in. × 2 in.	3	4		
Keys, split, round, loop $\frac{1}{8}$ in. × $1\frac{1}{2}$ in.	3	3		
Keys, split, round, loop $\frac{1}{4}$ in. × $3\frac{1}{4}$ in.	3	6		
Keys, split, round, loop $\frac{3}{20}$ in. × 2 in.	2	—		
Keys, split, round, loop $\frac{1}{10}$ in. × $1\frac{1}{2}$ in.	2	2		
Nuts, hexagon, $\frac{1}{2}$ in.	—	2	Footrests.	

Army Books and Forms for Equipment.

TABLE 17.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy note.
183	Regimental equipment	Account ledger.
281	,, repairs	Daily work book.
Forms.		
G 806	Ammunition gun practice, and for dismissal of recruits ..	Requisition.
G 815	,, small-arm	,,
G 957	Accoutrements, materials for repairs	,,
G 976	Carriages	Carriers' note.
G 980	Stores, materials for repair	Requisition.
G 997	Equipment, general	General requisition.
G 1027	Materials for repairs	
G 1033	Issue and receipt voucher.	
G 1037	Harness, saddlery and materials for repair	Requisition.
G 1049	Expenditure, transfer and conversion voucher.	
G 1063	Hastener for supply of stores.	
G 1085	Return of stores due from A.O.D.	
P 1925	Expense voucher, G.S.	

NOTE.—Consumable stores for veterinary purposes are provided under Part I, Equipment Regulations.

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2.—RIDING ESTABLISHMENT.

Arms.

TABLE 18.	General proportions.
Weedon Section.	
Scabbards, swords, cavalry, patt. '99, Mark I. ...	1 per cavalry sword.
Swords, cavalry, patt. '99	1 per warrant officer, and 40 for instructional purposes.

Accoutrements.

TABLE 19.	General proportions.
Woolwich Section No. 1.	
Belts, waist, buff, cavalry, patt. '85 { S.S. ...	Warrant officer and staff-serjeant.
{ O.R. ...	All ranks—1 each.
Haversacks, mounted service, drab	,, ,,
Knots, sword, buff, { G.S.	1 per warrant officer.
{ cavalry, line, O.R.	1 per cavalry sword, other ranks.
Straps, mess tin, mounted services	All ranks—1 each.
Tins, mess, mounted service	,, ,,

Articles for Repair of Accoutrements.

TABLE 20.	No.	Remarks.
Woolwich Section No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	4	
Buckles, brass, waist-belt, cavalry, patt. '85 ...	4	
Buttons, brass	4	
Chapes, waist-belt, cavalry, patt. '85	4	
Hooks, brass, side, cavalry, line	2	
Loops, brass, waist-belt, cavalry, patt. '85 ..	4	
Pieces, leather, buff, { 4½ in. × ¾ in. (for waist-belt, safe, patt. '85)	4	
{ 3 in. × ½ in. (for sword-knot)	2	
Safes, waist-belt, buff, cavalry	2	
Short parts, waist-belt, cavalry	4	

Musical Instruments.

TABLE 21.	General proportions.
Woolwich Section No. 1	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

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Harness and Saddlery.

TABLE 22.	No.	Remarks.
SADDLERY.		
Woolwich Section No. 5.		
Officers *a* ... ... sets	4	See Army Order 4 of January, 1904.
Woolwich Section No. 6.		
Universal, steel arch, pattern '90 *a* ... sets	123	
Not in Vocabulary.		
Cape pattern ... ... ,,	10	
HARNESS.		
Woolwich Section No. 5.		
R.A. Pole draught wheel, *a* near ... sets	1	
R.A. Pole draught wheel, *a* off ... ,,	1	
Harness, for single brake ... ... ,,	1	
Harness, brake, double, lead ... ,,	1	
Harness, brake, double, wheel ... ,,	1	

a For details of sets of harness and saddlery, *see* Appendix VIIIB, Part I, Equipment Regulations.

Stable Necessaries and Equitation Articles.

TABLE 23.	No.	General proportions.
HARNESS AND SADDLERY.		
Woolwich Section No. 5.		
Bags, nose, G.S.	...	1 per horse.
Bridles, mouthing, bits	3	
Bridles, mouthing, heads, rein	3	
Bridles, mouthing, reins	3	
Bridles, snaffle	...	1 per horse.
Brushes, harness, hard	...	1 per double set of harness.
Brushes, horse	...	1 per horse, annually.
Cavisons	...	
Combs, curry	...	1 per horse, annually.
Crosstrees	3	
Rubbers, horse	...	1 per horse annually.
Scissors, trimming ... ... pairs	...	1 pair per 12 horses annually.
Sponges, 7 drachms	...	3 per riding horse, and 4 per draught horse, annually.
Whips, hand	40	
Whips, longeing	6	

HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery are given in Appendix XIV, Part I, Equipment Regulations.

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Materials for Repair and Preservation of Equitation Articles.

TABLE 24.	No.	Remarks.
Woolwich Section No. 5.		
Sponges, 7 drachms	2	Annual supply.
Woolwich Section No. 6.		
Cord, whip ... ... ozs.	9	Annual supply.
Woolwich Section No. 11.		
Oil, rape ... ... pints	2	Annual supply.
Soap, soft *a* ... ... lbs.	6	
Woolwich Section No. 30.		
Linen, old (rags) ... ... lbs.	½	Annual supply.

a ½-bar of hard soap may be drawn in lieu of every ¾-lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

Camp Equipment.

TABLE 25.	No.	Remarks.
Woolwich Store Charge No. 2.		
Axes, felling, curved helve	2	

Ordnance and General Stores.

TABLE 26.	No.	Remarks.
Woolwich Section No. 7.		
Chests, tool, filled *a* — No. 3 F	1	
Chests, tool, filled *a* — No 5 A	1	
Chests, tool, filled *a* — No. 7	1	
Chests, tool, filled *a* — No. 10	1	
Nail pullers		
Woolwich Section No. 10.		
Jacks, lifting, G.S.	1	
Woolwich Section No. 25.		
Irons, branding — figures 0 to 8, ⅝-inch ... ... sets	1	
Irons, branding — letters ⅝-inch, alphabet ... ... ,,	1	
Stamps, copper, inlaid — figures 0 to 8, ½-inch ,,	2	
Stamps, copper, inlaid — letters ½-inch *b* ,,	2	
Stamps, steel, for metal — figures 0 to 8, ½-inch ,,	2	
Stamps, steel, for metal — letters ½-inch *b* ,,	2	
Not in Vocabulary.		
Brakes, single	1	
Brakes, double	1	

a For contents of chests, *see* pages 9 to 17.
b Only letters that are required should be demanded.

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Army Books and Forms for Equipment.

TABLE 27.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy note.
183	Regimental equipment	Account ledger.
281	Regimental repairs	Daily work book.
Forms.		
G 815	Ammunition, small-arm	Requisition.
G 957	Accoutrements, materials for repairs ...	,,
G 980	Stores	Carrier's note.
G 997	Equipment, general	Requisition.
G 1033	Receipt and issue voucher.	
G 1027	Equipment, materials for repairs ...	,,
G 1049	Expenditure, transfer, and conversion voucher.	
G 1037	Harness and saddlery (materials for repair)	,,
G 1063	Hastener for supply of stores.	
G 1085	Return of stores due from A.O.D.	
P 1925	Expense Voucher.	

NOTE.—Consumable stores for veterinary purposes are provided for by the District Veterinary Officer, Woolwich, under Part I, Equipment Regulations.

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3.—SCHOOL OF GUNNERY.

Arms.

TABLE 28.	General proportions.
Weedon Section.	
Bottles, oil, Mark III.. ..	1 per rifle.
Protectors, front sight, No. 1	1 per rifle.
Pullthroughs { double	1 per unit.
Pullthroughs { cords and gauges, wire, spare ..	2 ,,
Pump, mineral jelly (for filling oil bottles) *a*	1 ,,
Reflectors, mirror *b*	1 ,,
Rifles, M.L.E.	1 per gunner.
Scabbards, sword, staff-serjeants', pattern '89 or '97	1 per staff-serjeant's sword.
Swords, staff-serjeants', pattern '89 or '98	1 per warrant officer and staff-serjeant with dismounted kit.

a When available. *b* For examining interior of barrels.

Accoutrements.

TABLE 29.	Proportions.
Woolwich Section No 1.	
Bandoliers, shoulder, 50 rounds ..	1 per N.C. officer and man.
Belts, buff, waist, pouch, buff, G.S.*a*	1 per rank, receiving staff-serjeants' sword.
Belts, buff, waist, cavalry, pattern '85 S.S. ..	1 per staff-serjeant with mounted kit.
Belts, buff, waist, cavalry, pattern '85 O.R. ..	1 per boy.
Belts, buff, waist, field artillery dismounted and drivers' with plate	1 per gunner.
Belts, buff, waist, warrant officers', artillery *a*	1 per rank receiving staff-serjeant's sword.
Bottles, water, enamelled, L.S. Mark IV	All ranks 1 each.
Carriers, water bottle *d*	1 per water bottle.
Covers, mess tins, dismounted services, drab	1 per mess tin, dismounted services.
Haversacks, mounted services, drab ..	1 per mounted kit.
Haversacks, dismounted services, drab	1 per dismounted kit.
Knots, sword, buff, G.S.	1 per staff-serjeant's sword.
Pouches, writing materials, artillery	1 per rank receiving staff-serjeant's sword.
Slings, rifle	1 per rifle.
Straps, buff, or web, water bottle *b* { mounted services .. dismounted services	1 per water bottle.
Straps, mess tin, { mounted services .. dismounted services	1 per mess tin.
Tins, mess, { mounted services ..	1 per mounted kit.
Tins, mess, { dismounted services ..	1 per dismounted kit.

a White enamelled belts will continue in use until worn out.
b When existing stock is exhausted, "Straps, shoulder, water bottle, mounted services," will be issued. *c* When existing stock is exhausted, Mark VI will be issued.
d Only when Mark VI water bottles are issued.

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4.—MOUNTED BAND.

Arms.

TABLE 30.	General proportions.
Weedon Section.	
Scabbards, sword, staff serjeants *a*	1 per bandmaster (W.O.)
Swords, staff serjeants *a* ..	

a Will be replaced by cav. patt. '99 when worn out.

Accoutrements.

TABLE 31.	Proportions.
Woolwich Section No. 1.	
Belts, pouch, white enamelled, artillery *a*	1 per serjeant, corporal, and musician.
Belts, waist, white enamelled, artillery *b*	1 per bandmaster.
Knots, sword, buff (W.O.) ..	
Pouches, writing materials, artillery	

a Will be replaced by "buff G.S." when worn out.
b Will be replaced by "buff, cav. patt. '85 S.S." when worn out.

Saddlery.

TABLE 32.	No.	
Woolwich Section No. 6.		
SADDLERY.		
Universal, steel arch, pattern '90 .. .. sets	26	

NOTE.—Materials for repair of Saddlery are given in Appendix XIV, Part 1, Equipment Regulations.

Miscellaneous Articles and Stable Necessaries.

TABLE 33.	Proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, corn, 2 bushels ..	1 per horse.
Bags, nose, G.S.	
Brushes, horse..	1 per horse annually.
Combs, curry	
Rubbers, horse	1 per horse annually.
Scissors, trimming, pairs	1 per 12 horses annually.
Sponges, 7 drachms	3 per horse annually.

Camp Equipment.

TABLE 34.	No.	
Woolwich Section No. 2.		
Rugs, horse, large	2	For sick horses.

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CARRIAGES, FIELD, B.L., 15-PR.

	Marks.			
	I.*	II.*	III and III*.	IV.
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 37 .. .. steel	1	..	..	..
Axletrees, 2nd class C, „ 89A .. .. „	..	..	1	1
Axletrees, 2nd class C, „ 95 .. .. „	..	1	..	..
Bands, bucket hook with bolt, set screw, and advance ring, left „	..	1	1	1
Bands, bucket hook with bolt, set screw, and advance ring, right „	..	1	1	1
Bands, securing actuating screw bracket „	..	..	1*b*	..
Bearings, brake shaft, left, ... M.B.	1	1	1	..
Bearings, brake shaft, right .. .. „	1	1	1	..
Bearings, guide, left .. .. .. steel	..	1	..	..
Bearings, guide, right .. .. .. „	..	1	..	..
Bearings, pawl spindle, left, M.B., with bolts	..	..	..	1
Bearings, pawl spindle, right, M.B., with bolts	..	..	..	1
Bearings, trunnion .. .. steel	..	1	..	..
Block, housing, oil can; wood (set of 3 pieces) set	..	..	1	1
Bolts, capsquare .. .. „	..	4	..	..
Bolts, plate, clip, axletree, with split key .. iron	8	..	..	..
Bolts, tensile stay, with nuts and split keys steel	1	1	..	..
Bolts, transom guides „ „ „	..	4	..	..
Box, T tubes, carriage, B.L., 15-pr. and 12-pr. „	1	1	1	..
Boxes, axletree, left, steel, with cartridge box, guard iron spiral spring, and securing nuts, with split keys ..	1	1	1	1
Boxes, axletree, right, steel, with cartridge box, guard iron spiral spring, and securing nuts, with split keys ..	1	1	1	1
Brackets, actuating screw, brake gear, front, M.B., with bolts and screws	..	1	1	..
Brackets, actuating screw, brake gear, rear .. M.B., with bolts	..	1	1	..
Brackets, actuating screw, brake gear, M.B., with bolts and screws	..	..	1*b*	..
Brackets, aiming posts, front .. .. .. steel	..	1	1	1
Brackets, aiming posts, rear .. .. .. „	..	1	1	1
Brackets, aiming posts, rear .. .. .. „	1	..	..	..
Brackets, axletree .. .. „	..	2	..	..
Brackets, bearing rocking shaft, brake gear, left, gun metal, with bolts	1	1	1*a*	..
Brackets, bearing rocking shaft, brake gear, right, gun metal, with bolts	1	..	1*a*	..
Brackets, boss, plate locking, left .. .. .. steel	1	..	..	..
Brackets, boss, plate locking, right .. .. „	1	..	..	..
Brackets, brake arm, left .. .. „	..	..	..	1
Brackets, brake arm, right .. .. .. „	..	..	..	1
Brackets, hinge, front spring case, M.B., with bolts and split key	1	1	1	1
Brackets, pad, supporting, left .. .. .. steel	..	1	..	..
Brackets, pad, supporting, right .. .. .. „	..	1	..	..
Brackets, pawl, spring, spade attachment .. .. „	1	1	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, left .. „	..	..	1	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, right .. „	..	..	1	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer .. left .. „	..	..	1	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer .. right .. „	..	..	1	1

a Mark III carriage
b Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Brackets, securing, seat, with pin and split key, inner, with screw, left steel	1	..	..	..
right ,,	1	..	..	..
outer, left ,,	1	..	..	..
right ,,	1	..	..	..
rear .. .. ,,	..	..	2*a*	2
sliding, rear .. .. ,,	..	1	..	..
spindle pinion, brake gear metal, with bolts	..	..	1*b*	..
stop, lever releasing spade .. .. M.B.	..	..	..	1
stay, supporting brake arm, left	..	..	1*b*	..
right	..	..	1*b*	..
supporting catch, brake gear	1	1	..	..
trunnion, left .. .. steel	1	..	1*a*	..
right .. .. ,,	1	..	1*a*	..
Buffers, hydraulic, complete	..	1	..	..
parts of—				
Crosshead, piston rod, with taper pin, steel	..	1	..	..
Cylinder .. .. ,,	..	1	..	..
Glands, front, inner .. .. metal	..	1	..	..
outer .. .. ,,	..	1	..	..
rear.. .. .. .. ,,	..	1	..	..
Packing cotton, plaited, half-inch square section, length of 28 inches .. lengths	..	1	..	..
Pins, taper, crosshead .. .. .. steel	..	1	..	..
Plates, parting volute springs, steel, with bush	..	1	..	..
Plug, filling, hole, No. 1	..	1	..	..
Rings, securing, cotton packing .. metal	..	2	..	..
leather ,, .. ,,	..	2	..	..
packing leather, U-section	..	2	..	..
Rods, piston, with nut .. .. .. steel	..	1	..	..
Screw, securing with split key .. ,,	..	2	..	..
Springs, spiral .. .. .. P.B.	..	1	..	..
volute .. .. .. steel	..	2	..	..
Studs, spring .. .. ,,	..	1	..	..
Washers, packing, gland .. leather	..	1	..	..
filling plug .. ,,	..	1	..	..
Capsquares .. .. steel	2*c*	2	2*c*	2*c*
Carriage body without fittings	1	1	1	1
Clip, securing, handspike, steel spring, with bolts	..	..	1	1
rammer ,, ,, ,, ,,	..	..	..	1
Collars, tube, trail end .. .. .. iron	..	1	1*b*	..
axletree .. .. steel	..	2	..	..
dividing buffer guides	..	2	..	..

a Mark III carriage. *b* Mark III* carriage.
c 1 left and 1 right.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Eyes, trail, No. 15	1	..	..	..
Eyes, trail, „ 16	..	1	..	..
Eyes, trail, „ 20	..	..	1	..
Eyes, trail, „ 28	..	..	..	1
Flanges, axletree, left .. .. .. steel	..	..	1*a*	1
Flanges, axletree, right .. .. .. „	..	..	1*a*	1
Guides, left .. .. „	..	1	..	..
Guides, right .. .. „	..	1	..	..
Handles, lifting	2	2	2	2
Handspike, traversing, No. 2, Mark II .. steel with stud,	..	..	1*a*	..
Handspike, traversing, No. 2, Mark III .. steel with stud,	..	..	..	1
Keys, capsquare, No. 15, steel, with chain ..	2	..	..	..
Keys, capsquare, „ 22, „ „ ..	..	..	2	2
Lids, trail box, steel, with hinge and hasp	..	..	1*a*	1
Loops, carrying, handspike .. .. iron	1	1	..	..
Loops, carrying, rammer .. .. .. steel	..	..	..	1
Pads, stop, breech, complete, with 1 india-rubber, and 2 leather strips, with steel plate, studs and split keys	1	..	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys, left	..	1	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys, right	..	1	..	..
Pins, bracket, sliding, rear.. .. .. steel	..	1	..	..
Pins, joint, capsquare, with collar and split key .. .. steel	2	..	..	..
Pins, joint, capsquare, with split key .. „	..	..	2	2
Pins, keep, pin, bracket, sliding rear .. „	..	1	..	..
Pins, linch, 2nd class .. .. .. „	2	2	2	2
Pins, securing tensile stay, with split key „	2	..	..	..
Plates, angle, packing, elevating gear bearings, left .. „	1	..	..	..
Plates, angle, packing, elevating gear bearings, right .. „	1	..	..	..
Plates, boss, tensile stay bolt, left	..	..	..	1
Plates, boss, tensile stay bolt, right	..	..	..	1
Plates, clip, axletree .. .. .. steel	2	..	..	..
Plates, joint, handspike socket .. .. „	..	..	1*a*	..
Plates, locking left .. .. .. „	1	..	1	1
Plates, locking right .. .. .. „	1	..	1	1
Plates, loop, handspike .. .. .. „	1	1	..	..
Plates, securing rear, spring case.. .. „	..	..	1*a*	1
Plates, tensile stay .. .. .. „	..	..	1*a*	..
Rings, packing, axletree arm, .. plastic metal	2	2	2	2
Sockets, guard-iron, standard .. .. iron	1	1	..	..
Sockets, handspike, steel with pawl spring and bolts	..	..	1	1
Sockets, setting time fuze .. .. metal	1	1	1	1

a Mark III carriages.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Soles, trail .. .. steel	1	1	1	1
Spanners, hyd. buffer, No. 59	..	1	..	..
Staples, bolt, tensile stay .. .. .. steel	1	..	..	..
double, securing handspike .. iron	1	..	..	..
lashing, aiming posts .. .. ,,	1	1	2	1
lashing, riveting, $\frac{5}{16}$-inch .. ,,	..	9	11	11
McMahon spanner .. .. steel	..	..	1*a*	1
pincers .. .. ,,	..	1	1*a*	1
securing handspike .. .. ,,	..	1	..	..
Stays, tensile, left .. .. .. ,,	1	1	..	..
Stays, tensile, right .. .. .. ,,	1	1	..	..
Stays, tubular guide.. .. .. .. ,,	..	1	..	..
Steps, sliding .. .. ,,	2	2	2	2
Stops, McMahon spanner .. .. .. ,,	1	..	1*a*	1
Stops, pincers and hammer.. .. .. ,,	..	..	2*a*	2
Stops, rammer .. .. ,,	..	..	..	1
Transom guide	..	1	..	..
Washers, drag, 2nd class, C .. .. .. steel	2	2	2	2
Wheels, 2nd class C, No. 35A	2	2	2	2
Spade attachment :—				
Blade, spade; steel, with G.M. socket, set screw, and split key	1	1	1	1
Cases, recoil spring, front, inner; steel, with metal rings (guide and stop) ..	1	1	1	1
Cases, recoil spring, front, outer; steel, with band hook	1	1	1	1
Cases, recoil spring, rear, steel, with M.B. bracket and fixing bolts..	1	1	1	1
Discs, dividing springs; .. .. .. G.M.	1	1	1	1
Discs, end of spring, lower; .. .. ,,	1	1	1	1
Discs, end of spring, upper; .. .. steel	1	1	1	1
Lever, releasing spade; .. steel, with split key	1	1	1*b*	1
Pawl, supporting spade; .. ,, ,, ,,	1	1	1*b*	1
Pins, hinge, spring case: .. .. .. steel	1	1	1	1
Pins, locking releasing lever; steel spring, split, with brass chains and S hooks	1	1	1	1
Plug, hinge, front spring case; M.B., with set screw and split key	1	1	1	..
Rod, rear spring; steel, in two parts, with split key	1	1	1	1
Ropes, wire; steel, with thimbles	2	2	2	2
Shackles, wire rope; steel, with bolt, nut, and split key .. .. large	1	1	1	1
Shackles, wire rope; steel, with bolt, nut, and split key .. .. small	2	2	2	2
Spindle, pawl, supporting spade; steel	1	1	1*b*	1

a Mark III carriage. *b* According to Mark of carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
Component Parts—*continued.*				
Spade attachment—*continued.*				
Springs, pawl, supporting spade, steel, flat, in two parts	1	1	1*a*	..
Springs, pawl, supporting spade, „ flat ..	..	..	..	1
Springs, spiral, recoil, front; .. .. steel	2	2	2	2
Springs, spiral, recoil, rear; .. .. „	2	2	2	2
Gear, brake:—				
Arms, brake, left; right; steel, with bolt, nut, and split key,	1	1	1	..
Arms, brake, left; right; steel, with bolt, nut, and split key,	1	1	1	..
Arms, brake, left; right; steel, with shoe, with split key,	..	..	..	1
Arms, brake, left; right; steel, with shoe, with split key,	..	..	..	1
Blocks, brake, field and transport, Mark II ..	2	2	2	2
Bolts, connecting, brake arms .. .. steel, with nut and split key,	..	..	..	2
Bolts, connecting, links, ... steel, with nut and split key,	..	..	1*c*	..
Bolts, connecting, links, with feather, steel, with nut and split key,	..	..	1*c*	..
Bolts, connecting, supporting stays .. steel, with nut and split key,	..	..	..	2
Catch, supporting brake blocks; .. .. steel	1	1	1*a*	..
Couplings, connecting rods; steel, with pin and split key	2	2	2*a*	..
Crosshead, connecting rods; steel, with nuts and split keys	..	1	1*b*	..
Handles, actuating front; .. .. .. steel	1	1	1*b*	..
Handles, actuating rear; .. .. „	1	1	1*b*	..
Handles, actuating .. .. „	..	..	1*c*	1
Levers, rocking, centre, steel, with nut and split keys ..	..	1	1*b*	..
Levers, rocking, centre, steel, with split key	1	..	..	..
Levers, rocking, side; steel, forked, with split key	1	1	1*b*	..
Levers, rocking, steel, with crosshead and actuating nut	..	..	..	1
Levers, supporting brake blocks, steel; with bolt and split key	..	1	1*a*	..
Levers, supporting brake blocks, steel; with screw and split key	1	..	..	..
Links, connecting, lower .. .. .. steel	..	..	1*c*	..
Links, connecting, upper .. .. .. „	..	..	1*c*	..
Nut, actuating screw; .. .. .. M.B.	1	1	1*a*	..
Pinion, bevel, steel, 12 teeth, with spindle, nut, and split key	..	..	1*c*	..
Pins, axis, rocking lever .. .. .. steel	..	..	..	1
Pins, lever, connecting rods; steel, with nut and split key	1	..	..	..
Pins, supporting catch; steel, with split key ..	1	1	1*b*	..

a According to Mark of carriage. *b* Mark III carriage. *c* Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III. and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, brake—*continued.*				
Rods, actuating, left; steel, with ten No. 62 disc springs, nut and split key	..	..	..	1
Rods, actuating, right; steel, with removable fork, nuts, and split key ..	..	..	..	1
Rods, connecting, brake shaft; .. .. steel	2	2	2*a*	..
Screw, actuating steel, with nuts and split keys	1	1	1*b*	..
Screw, actuating ,, ...	..	..	1*c*	..
Shafts, brake; steel, with collar and bolt, and two screws, with split keys	1	1	1*a*	..
Shafts, rocking, steel	1	..	1	..
Shafts, rocking, ,, with collar and split key	..	1	..	..
Shoes, brake block, left, with joint pin and split key and locking pin, with chains ..	1	1	1	..
Shoes, brake block, right, with joint pin and split key and locking pin, with chains ..	1	1	1	..
Spindles, brake shoe; .. steel, with split key	2	2	2	..
Springs, spiral, brake block.. .. .. steel	2	2	2	..
Stays, supporting, brake shaft, left; steel, with loop collar and bracket loop	1	1	..	..
Stays, supporting, brake shaft, right; steel, with loop collar and bracket loop	1	1	..	..
Stays, supporting, brake shaft, ...	..	..	2	..
Stays, supporting, brake arms; steel, with nut and split key	..	..	..	2
Stops, brake blocks, left .. steel, with split key	1	1	1	..
Stops, brake blocks, right .. ,, ,, ,,	1	1	1	..
Wheel, bevel .. .. .. M.B., 32-teeth	..	..	1*b*	..
Gear, elevating :—				
Bearings, oscillating bracket, left; M.B., with bolts and guard, with split key	..	..	1	1
Bearings, oscillating bracket, left; .. .. M.B., with bolts	1	1	..	..
Bearings, oscillating bracket, right .. ,, ,,	1	1	1	1
Bracket, oscillating, steel, with nut	1	1	..	..
Bracket, oscillating, ,, ,, driving bush, guard, and removable trunnion, with split key	..	..	..	1
Bracket, oscillating, steel, with nut, removable trunnion, and split key	..	..	1	..
Cap, protecting elevating screw; steel, with split key	..	..	..	1
Guards, bevel pinion; steel, with fixing screws	1	1	1	..
Pin, screw, elevating; steel, with nut and split key	..	1	..	..
Pinion, bevel, 19-teeth; M.B., with split key	..	..	..	1
Pinion, bevel, 20 ,, M.B., with split key	1	1	1	..
Screws, elevating, No. 5, steel, in two parts (inner and outer), with cap and split key ..	1	..	..	..
Screws, elevating, ,, 6, steel, in two parts (inner and outer), with cap and split key ..	..	1	..	..

a According to Mark of carriage.
b Mark III* carriage. *c* Mark III carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks. I.*	II.*	III. and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, elevating—*continued.*				
Screws, elevating, No. 11, steel, in two parts (inner and outer), with stop	..	..	1	..
Screws, elevating, „ 13, steel, in two parts (inner and outer), with stop and securing screw	..	..	..	1
Spindles, handwheel, steel, with nut and split key, keep screw, and washer	..	..	1	..
Spindles, handwheel, steel, with collar, nut, and split keys.. ..	..	..	..	1
Spindles, pinion, steel	..	..	1	1
Spindles, pinion, „ also for handwheel, with nut and split key	1	1	..	..
Wheels, bevel, 36-teeth; M.B., with steel feathers	1	1	1	..
Wheels, bevel, 32 „ „ „ two split keys	..	..	..	1
Wheels, bevel, 16 „ „ „ split keys ..	..	..	..	2
Wheels, hand; .. .. M.B.	1	1	1*a*	1
Wheels, mitre; M.B., 16-teeth, with split key ..	..	..	2	..
LEATHERWORK.				
Cap, spring case	1	1	1	1
Cases, can, lubricating, No. 9, B...	1	..	..	..
Cases, can, lubricating, „ 9, C...	..	1	..	..
Leathers, hand	2	2	2	2
Leathers, guard iron, arm	2	2	2	2
Leathers, guard iron, back	2	2	2	2
Leathers, guard iron, hip	2	2	2	2
Loops, drift and vent rimer	1	1	..	..
Pad, brake gear	1	1	1*b*	..
Pockets, breech brush	1	1	1	1
Pockets, fuze key (carriage)	1	1	1	1
Pockets, lanyard	1	1	1	1
Pockets, T friction tubes (also lanyard) ..	..	..	..	1
Straps, securing 10 in. × ¾ in. (post aiming)	1	1	1	1
Straps, securing 13 „ × ¾ „ (lever releasing spade)	1	1	..	..
Straps, securing 22 „ × ¾ „ B.P., C.B. (blankets)..	4	4	..	..
Straps, securing 24 „ × ¾ „ „ „ „ ..	..	..	4	4
Straps, securing 26 „ × ¾ „ (cleaners)	..	..	2	2
Straps, securing 30 „ × ¾ „ double (cleaners) ..	2	2	..	..
Straps, securing 13 „ × 1 „ (hammer, claw) ..	1	1	1	1
Straps, securing 13 „ × 1 „ (pincers)	1	1	1	1
Straps, securing 13 „ × 1 „ spanner, hydraulic buffer, No. 59 ..	..	1	..	..
Straps, securing 13 „ × 1 „ spanner, McMahon..	1	1	1	1
Straps, securing 13 „ × 1 „ with piece (hand-(spike traversing)..	1	1	..	..
Straps, securing 22 „ × 1 „ D.L. (wheel, hand) ..	1	1	1	1
Ties, linch pin	2	2	2	2

a According to Mark of carriage. *b* Mark III carriage.

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LIMBERS, FIELD, B.L., 15-PR., MARKS I, II, AND II*.

Description.	No.
COMPONENT PARTS.	
Axletrees, 2nd class, C, No. 38 .. .. steel	1
Bars, supporting draught pole, No. 2	1
Boards, foot	1
Boards, platform	1
Bolts, countersunk head, bevelled, $\frac{1}{2}'' \times 4''$, with nuts .. iron	4
Bolts, countersunk head, bevelled, $\frac{1}{2}'' \times 2\frac{1}{2}''$ .. ,, .. ,,	4
Bolts, countersunk head, flat, $\frac{1}{2}'' \times 1\frac{7}{8}''$ .. ,, .. ,,	8
Bolts, hexagon head, $\frac{1}{2}'' \times 1\frac{3}{16}''$ .. .. ,, .. ,,	4
Bolts, hexagon head, $\frac{1}{2}'' \times \frac{7}{8}''$ Mark I limber ,, .. ,,	4
Bolts, hexagon head, $\frac{1}{2}'' \times \frac{7}{8}''$,, II ,, ,, .. ,,	8
Bolts, hexagon head, $\frac{1}{2}'' \times 1''$.. .. .. ,, .. ,,	4
Brackets, futchel, near .. .. steel	1
Brackets, futchel, off .. .. ,,	1
Brackets, pole .. .. ,,	1
Brackets, supporting shelves, setting fuzes, inside, near .. ,,	1
Brackets, supporting shelves, setting fuzes, inside, off .. ,,	1
Brackets, supporting shelves, setting fuzes, outside, near .. ,,	1
Brackets, supporting shelves, setting fuzes, outside, off .. ,,	1
Flanges, axletree, inside .. .. steel	2
Flanges, axletree, outside, Mark I limber .. .. ,,	2
Flanges, axletree, outside, ,, II ,, ... ,,	2
Futchels, inside, near .. .. ,,	1
Futchels, inside, off .. .. ,,	1
Futchels, outside, near .. .. ,,	1
Futchels, outside, off .. .. ,,	1
Hooks, limber, No. 3 .. .. iron	1
Hooks, bucket .. .. steel	1
Hooks, magazine (set of 4, set) .. .. ,,	1
Hooks, draught, near .. .. ,,	1
Hooks, draught, off .. .. ,,	1
Keys, pole pin; No. 17 pole .. .. iron	1
Keys, limber hook, No. 2, with chain .. .. .. steel	1
Loops, kicking strap, inner .. .. steel, with bolts	1
Loops, kicking strap, outer .. .. .. ,,	1
Pins, pole, No. 17 pole .. .. iron	1
Pins, linch, 2nd class .. .. steel	2
Plates, angle, connecting, near .. .. ,,	1
Plates, angle, connecting, off .. .. ,,	1
Plates, camp kettle, with hooks .. .. ,,	1
Plates, carrying, lubricating can and grease box .. ,,	1
Plates, connecting, front .. .. ,,	1
Plates, connecting, rear .. .. ,,	1
Plates, nib, pole .. .. ,,	1
Shelves, setting fuzes, near .. .. wood	1
Shelves, setting fuzes, off .. .. ,,	1

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Staples, lashing, $\frac{5}{16}''$ .. .. iron	2
Staples, lashing, $\frac{1}{4}''$ .. .. ,,	14
Staples, lashing, with plate, box, sight .. .. ,,	2
Staples, lashing, with plate, double .. .. .. ,,	3
Staples, lashing, with plate, single .. .. .. ,,	5
Stays, futchel, front, near .. .. ,,	1
Stays, futchel, front, off .. .. ,,	1
Stays, futchel, angle, centre .. .. steel	1
Stays, futchel, angle, rear, near .. .. .. ,,	1
Stays, futchel, angle, rear, off .. .. ,,	1
Steels, movable, limber hook	1
Washers, drag, 2nd class, C .. .. steel	2
Poles, draught, No. 17	1
Swingletrees, No. 10A	2
Boxes, ammunition	1
Including—	
Bands, lid .. .. steel	2
Bands, guard iron .. .. ,,	2
Blocks, securing projectile, (set of 6) near wood, sets	1
Blocks, securing projectile, (set of 6) off .. ,, ,,	1
Covers, unpainted .. .. canvas	2
Hinges	4
Irons, guard, No. 9, near	1
Irons, guard, ,, 10, off	1
Keys, guard iron, with chain and loop .. .. iron	4
Locks, box, limbers and wagons, No. 2	2
Plates, angle, $4'' \times 2\frac{1}{2}'' \times 1''$ .. .. .. iron	2
Plates, angle, $3\frac{1}{2} \times 2\frac{1}{2}'' \times 1''$ .. .. .. ,,	2
Plates, corner, front, near	1
Plates, corner, front, off	1
Plates, corner, rear, near	1
Plates, corner, rear, off	1
Plates, striking .. .. steel	1
Sockets, fixing time and percussion fuze .. .. metal	1
Straps, lifting tube box .. .. .. leather	2
Stays, lid	2
Staples, lashing, with plate, single, $\frac{1}{4}''$ .. set	1
Staples, lashing, with plate, single, $\frac{3}{16}''$ .. ,,	1
Staples, lashing, with plate, treble, $\frac{1}{4}''$ .. ,,	1
Staples, hand leathers .. .. ,,	3
Strips, supporting projectile blocks, inner aluminium	2
Strips, supporting projectile blocks, outer ,,	2
Trays, projectile .. .. wood	2
Turnscrew, shell plug	1

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition—*contd.*	
Holdalls, with straps, near	1
Holdalls, with straps, off	1
Wheels, 2nd class, C, No. 35A	2*a*
LEATHERWORK.	
Cases, bill hook	1
Cases, washer, drag, 2nd class C	1
Cases, felling axe	1
Cases, can, lubricating No. 3	1
Cases, water brush	1
Leathers, hand	3
Leathers, No. 9, guard iron } components of guard iron	..
Leathers, „ 10, „ } components of guard iron	..
Loops, felling axe	1
Loops, pick „	1
Loops, spade	2
Pockets, key, lock	1
Pockets, key, fuze, universal	1
Straps, securing, 9 in. × ¾ in. (telescopic sight box)	1
Straps, securing, 10 „ × 1 „ (water brush)	1
Straps, securing, 10 „ × 1 „ (bill hook)	1
Straps, securing, 10 „ × 1 „ (handle, camp kettle)	1
Straps, securing, 13 „ × 1 „ (felling axe)	1
Straps, securing, 13 „ × 1 „ (pick „)	1
Straps, securing, 13 „ × 1 „ (drag washer)	1
Straps, securing, 18 „ × 1 „ (pick axe)	1
Straps, securing, 22 „ × 1 „ (box, telescopic sight	1
Straps, securing, 26 „ × 1 in. (spades)	1
Straps, securing, 26 „ × 1 in. (grease box, 3-lb.)	1
Straps, securing, 26 „ × 1 in. (case, oil can)	1
Straps, securing, 26 „ × 1 in. R.L. (box, telescopic sight)	1
Straps, securing, 30 „ × 1 „ (drag ropes, pole bar, and swingletree)	2
Straps, securing, 30 „ × 1 „ (spades)	1
Straps, securing, 32 „ × 1 „ B.P., C.B. (blankets)	4
Straps, securing, 44 „ × 1 „ (camp kettle, lid)	1
Straps, securing, 44 „ × 1 „ (portable magazines)	2
Ties, linch pin	2

a In some cases Nos. 26 and 42 wheels have been issued.

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
ACCESSORIES.	
Boxes, fuze, No. 18	1
Boxes, fuze, „ 19	1
Boxes, grease, 3-lb.	1
Boxes, telescopic sight	1
Can, lubricating, No. 3	1

WAGON, AMMUNITION AND STORE, R.A., MARK II*.

Description.	No.
DETAIL OF WOODWORK.	
Body.	
Bars, stay, loading	1
Blocks, axletree	2
Boards, foot	1
Boards, head	1
Boards, partition	1
Boards, tail	1
Frames, bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	14
Bolsters, body, front	1
Bolsters, body, rear	1
Bolsters, wheel, plate, front	1
Bolsters, wheel, plate, rear	1
Earbeds, front	1
Earbeds, rear	1
Locker (complete)	1
Sides, near	1
Sides, off	1
Summers	2

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
Hoops, bale (set of 5) .. .. .. sets	1*a*
Seats, and box, driver's	1
Seats, with back	1
Sides, complete with 3 stud staves and 1 cleat, near	1
Sides, complete with 3 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Blocks, axletree	2
Bolsters, bottom	1
Bolsters, top	1
Bolsters, wheel, plate	1
Futchels, outside	2
Futchels, inside	2
Swingletrees, No. 10A	2
Poles, draught, No. 7A	1
WHEELS.	
Wheels, 2nd class, B, No. 28, fore	2*b*
Wheels, 2nd class, C, „ 35A, hind ..	2*b*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class, C, No. 97.. .. iron	1
Blocks, brake, field and transport, Mark II ..	2*c*
Boxes, grease, half round, 3 lbs.	2
Brackets, drag shoe .. .. .. iron	1
Brackets, spare wheel arm .. .. steel	1
Buttons, cover board, main pin .. metal	2

a These articles are required with each complete wagon, but are charged separately and must be so demanded.

b Earlier issues of these wagons may be met with having:—
fore, No. 33 } wheels.
hind, „ 32 or 39 }
These will be replaced, as they become unserviceable, by Nos. 28 and 35A.

c For wagons fitted with South African brake.

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF IRONWORK—*continued.*		
Chains, tailboard, with loops .. .. iron	2	
Clips, axletree .. .. ,,	2	
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Hasps, seat and box, drivers .. ,,	1	
Hasps, locker .. .. ,,	1	
Hinges, locker .. .. ,,	2	
Hinges, seat and box, drivers .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain .. .. ,,	1	
Hooks, chain, tailboard, with loop .. .. ,,	2	
Hooks, with plate, joint head and tailboards, plain .. ,,	3	
Hooks, with plate, joint head and tailboards, with keyway ,,	1	
Hooks, with plate, lashing .. .. .. ,,	12	
Irons, guard, seat, No. 30	2	
Irons, nib	4	
Joints, head board .. .. .. iron	2	
Joints, seat, with top .. .. .. ,,	2	
Joints, back, with under .. .. ,,	2	
Joints, back, with hasp .. .. ,,	1	
Keys, with chain, split, flat, guard iron .. ,,	4	
Keys, with chain, split, flat, tailboard .. ,,	1	
Keys, with chain, head and tail .. .. ,,	4	
Keys, with chain, stay, joint, footboard .. ,,	2	
Loops, lashing, spare wheel.. .. ,,	2	
Loops, bar, loading, with chain .. ,,	1	
Pins, linch, 2nd class .. .. .. steel	2	
Pins, main, No. 24, with collar and key iron	1	
Plates, angle, strengthening, long.. .. ,,	2	
Plates, angle, strengthening, short .. ,,	2	
Plates, angle, strengthening wagon floor, near, with bolts, steel	1	
Plates, angle, strengthening wagon floor, off, with bolts, steel	1	
Plates, camp kettle, with hooks .. .. ,,	2	
Plates, clip, bolster.. .. .. .. ,,	1	
Plates, clip, securing spare wheel arm, with bolts, near ,,	1	
Plates, clip, securing spare wheel arm, with bolts, off ,,	1	
Plates, clip, stay, joint, footboard.. .. ,,	2	

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Plates, for stay clip, boards, side, large .. steel	2
small .. ,,	2
distinguishing .. .. cast iron	1
locking, body .. .. .. iron	1
wheels .. .. .. ,,	1
pin, securing spare wheel arm, with screws steel	2
securing spare wheel arm, with key and chain .. .. steel	1
socket, guard iron .. .. .. iron	4
strap, joint, tailboard .. .. ,,	2
strengthening locker.. .. .. ,,	2
wrapping, head board .. .. ,,	2
tail ,, ... ,,	2
Sockets, guard iron .. .. .. iron	4
Staples, bale hoop, bevelled .. ,,	12
plain .. .. ,,	8
clip, axletree .. .. ,,	4
joint, seat .. .. .. ,,	2
lashing, common .. ,,	5
with plate, double ,,	15
single ,,	18
,, $\frac{5}{16}$-in. ,,	2
round crowned, small .. ,,	12
stud stave .. .. .. ,,	6
Stays, clip, bar, loading .. .. ,,	1
partition board .. ,,	1
cross, axletree .. .. .. ,,	1
joint, footboard .. .. ,,	2
strengthening bolster .. .. ,,	1
T, axletree, complete .. .. ,,	2
Turnbuckles, head board .. .. ,,	1
locker .. .. .. ,,	1
seat and box, drivers.. ,,	1
Washers, drag, 2nd class, C.... .. ,,	2
Fore carriage.	
Axletrees, 2nd class, B, No. 33.. .. iron	1
Bollards .. .. ,,	2
Clips, axletree .. .. ,,	2

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Hooks, draught, with bolt and nut		steel	2
Keys, pole pin, No. 7 and 7A pole		iron	1
Pins, pole, No. 7, pole B		,,	1
Pins, linch, 2nd class		steel	2
Plates, clip, bollard		iron	2
Plates, clip, bolster		,,	1
Plates, locking, wheel		,,	1
Plates, main pin		,,	1
Plates, strengthening, futchel		,,	2
Plates, strengthening, sweep bar		,,	1
Sockets, pole end		,,	1
Sockets, splinter bar		,,	2
Staples, clip, axletree		,,	4
Staples, lashing, common, ¼-in.		,,	6
Staples, lashing, round crowned, small		,,	2
Staples, pole		,,	1
Stays, cross axletree		,,	1
Stays, splinter bar		,,	4
Stays, T, axletree, complete		,,	2
Washers, drag, 2nd class, B		,,	2
Pole Draught.			
Loops, clip, pole point		iron	1
Plates, strengthening pole		,,	2
Plates, bearing, pole bar		steel	1
LEATHERWORK.			
Leathers, fixture, cases, billhook			1
Leathers, fixture, cases, felling axe			1
Leathers, fixture, for spade			2
Leathers, fixture, thong, for locker			1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 26-in. × ¾-in. B.P. (driver's seat)	1
26 „ × 1 „ (grease boxes) ..	2
26 „ × 1 „ (camp kettles) ..	2
26 „ × 1 „ (swingletree) ..	2
30 „ × 1 „ (footboard) ..	2
36 „ × 1 „ (draught pole, spare)	2
36 „ × 1 „ (spare shaft, cart, S.A.A.) ..	2
44 „ × 1 „ (camp kettle lid)	2
Ties, linch pin	4
Covers, waterproof .. .. .. canvas	1*a*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*a*

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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WAGON, AMMUNITION AND STORE, R.A. (MARK IV).

Component Parts.

Description.	Detail.	No.
Body, comprising—		
Axletree, 2nd class C, No. 97	steel, hind..	1
Board, tail	wood	1
Clips, axletree	steel	2
Frame..	wood, with 2 sides, front locker, seat with guard irons and back rail, and footboard ..	1
Springs, hind..	steel, with 2 coupling links and 3 connecting bolts	2
Staples, clip, axletree ..	steel, with nuts	4
Fore-carriage, comprising—		
Axletree, 2nd class B, No 33	steel, fore	1
Clips, axletree	steel	2
Frame..	wood, with splinter bar.. ..	1
Springs	steel, with 2 coupling links, tube collar and 3 connecting bolts..	1
Staples, clip, axletree ..	steel, with nuts	4
Gear, brake—		
Bar, brake	wood	1
Blocks, brake	C.I.	2
Bolts, supporting brake bar..	steel, with collar and nut and joint pin, with collar and key split flat, with chain and start	1
Brackets, clip, brake bar ..	steel, with bolt, and joint pin, with collar and key split flat, with chain and start	1
Clip, screw, brake axletree ..	steel, with bolt	1
Handle, brake	iron, with collar, plates and bolts	1
Links, connecting brake bar..	steel	2
Screw, brake	steel	1
Shoes, brake block	steel, with bolt	2
Pins, linch, 2nd class ..	steel	4
Pins, main, No. 4	steel, with collar and key ..	1
Pins, pole, No 7 pole A ..	steel, with key and chain ..	1
Pole, draught, No. 7 A ..	wood, length, 10-ft. 10½-ins. ..	1
Straps, securing	length (see list of straps), sets ..	1
Swingletrees, No. 10 A ..	wood	2

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Wagon, Ammunition and Store, R.A. (Mark IV)—*continued.*

Description.	Detail.	No.
Ties, linch pin	leather	4
Washers, drag, 2nd class, B	steel	2
Washers, drag, 2nd class, C	steel	2
Wheels, 2nd class, B No. 28	steel nave, 10-in. pipe. 3-ft. 4-in. diameter, 3-in. tire (fore) ..	2
Wheels, 2nd class, C No. 35 A	steel nave, 11-in. pipe, 5 ft. diameter, 3-in tire (hind) ..	2
Rollers, Scotch, 6-inch ..	wood, with chains	1
Accessories (to be demanded separately).		
Cover, wagon	waterproof canvas, with 2 lashings ($1\frac{1}{2}$-in., 32-ft.) ..	1
Hoops, bale	wood (set of 5) .. .. (sets)	1

DETAIL OF STRAPS.

Size in inches.	Service for which straps are required.	No.	Position of straps.
1 × 26	Kettles, camp	2	Under wagon.
1 × 26	Swingletrees	2	On fore carriage.
1 × 36	Pole, draught, spare wagon pole	2	On near side.
1 × 36	Spare shaft of cart, S.A.A. ..	2	On off side.
1 × 44	Kettles, camp (lid)	2	Under wagon.
1 × 54	Jacks, lifting *b*	2	On hind bolster.

b Ammunition parks only.

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WAGON, ARTILLERY, MARK I*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Body.	
Boards, head	1
Boards, partition, front	1
Boards, partition, rear	1
Boards, tail	1
Blocks, axletree	2
Blocks, stay, spare wheel	1
Blocks, check	2
Frames bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	16
Bolsters, body	1*a*
Bolsters, wheel plate, front	1*a*
Bolsters, wheel plate, rear	1*a*
Earbeds, front	1
Earbeds, rear	1
Sides, near	1
Sides, off	1
Summers	2
Hoops, bale (set of 6) sets	1*b*
Raves, near	1
Raves, off	1
Seats, front	1
Seats, hind	1
Sides, complete, with 4 stud staves and 1 cleat, near	1
Sides, complete, with 4 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Bolsters, bottom	1*c*
Bolsters, top, centre	1*a*
Bolsters, top, front	1*a*
Bolsters, top, rear	1*a*
Blocks, axletree	2
Futchels, inside	2
Futchels, outside	2
Poles, draught, No. 2	1
Swingletrees, No. 10A	2

a Bolsters of this description are required for both kinds of wagons, but differ in pattern.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.
c Articles, special, for wagons fitted with ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
WHEELS.	
Wheels, 2nd class C, No. 37, fore	2
Wheels, 2nd class C, „ 38, hind	2*a*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class C, No. 40 .. .. steel	1
Boxes, grease, half round, 3-lbs. .. tin	2
Bracket, drag shoe .. .. .. steel	1
Buttons, cover board, main pin.. .. metal	2
Chains, drag shoe, No. 17 .. .. iron	1
Chains, footboards, with loops .. „	2
Clips, axletree .. .. „	2
Hooks, drag shoe and chain .. .. .. „	1
Hooks, headboard .. .. „	2
Hooks, with plate, joint, head and tailboard, plain .. „	2
Hooks, with plate, joint, head and tailboard, with keyway „	2
Hooks, with plate, lashing, half round .. „	4
Hooks, with plate, lashing, ...	12
Irons, guard, seat, front	2
Irons, nib	4
Irons, scroll, front	2
Irons, scroll, rear	2
Joints, seat, hind .. .. .. steel	2
Keys, split, flat, hook joint, head and tailboard, with chain .. iron	2
Keys, head and tail, with chain .. steel	4
Lubricators, ball, main pin .. .. metal	1*b*
Pins, linch, 2nd class (special) .. steel	2
Pins, main, No. 2, with collar and key iron	1*c*
Pins, main, „ 3, with metal ball, collar and key .. steel	1*b*

a Will be replaced by wheel No. 38A when stock is used up.
b Articles, special, for wagons fitted with ball and socket, main pin.
c „ „ „ „ „ ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Plates, distinguishing		iron	1
camp kettle, with hooks		,,	2
clip, bolster		,,	1*a*
locking wheels		,,	1
main pin		,,	1*a*
strap, joint	headboard	,,	2
	tailboard	,,	2
wrapping,	headboard	,,	2
	tailboard	,,	2
clip rave, with stays		steel	10
coupling, spring		,,	8
locking, body		,,	1
Screws, looped, No. 3, flat			32
Shoes, drag, No. 6		iron	1
Soles, drag shoe, No. 15		steel	1
Sockets, metal ball, main pin			1*b*
Springs, side, hind, with fittings		steel	2
spiral,	lubricating	,,	1*b*
	main pin	,,	1*b*
Staples, lashing,	common,	$\frac{1}{4}$-inch iron	18
		$\frac{3}{16}$,, ,,	6
	with plate,	double ,,	10
		single ,,	14
	socket ball, main pin	,,	2*b*
	balehoop,	driving steel	8
		plain ,,	28
	joint, seat	,,	2
	rave	,,	10
	stud stave	,,	8
Washers, drag, 2nd class (special)		iron	2
Fore Carriage.			
Axletrees, 2nd class C, No. 39		steel	1
Clips, axletree		iron	2
Hooks, draught, with bolt and nut		steel	2
Irons, scroll, front			2
rear			2
Keys, split, flat, with chain, pin pole		iron	1

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Pins, pole, with chain.. .. .. iron	1
Pins, linch, 2nd class (special) .. steel	2
Plates, clip, bolster .. .. .. iron	1*a*
Plates, friction, bolster .. .. ,,	2*b*
Plates, locking wheel.. .. .. ,,	1*a*
Plates, main pin .. .. .. ,,	1*a*
Plates, clip, spring, plain .. .. steel	2*b*
Plates, coupling, staple, bolster .. ,,	1*b*
Plates, locking bolster .. .. ,,	1*b*
Plates, strengthening sweep bar .. ,,	1
Sockets, pole end .. .. .. iron	1
Sockets, splinter bar .. .. ,,	2
Springs, side, fore, with fittings .. steel	2
Staples, bolster.. .. .. .. iron	2*b*
Staples, pole .. .. ,,	1
Staples, socket pole .. .. .. ,,	2
Staples, lashing, common, ¼-inch .. ,,	4
Stays, splinter bar, flat, long .. steel	2
Stays, splinter bar, flat, short .. ,,	2
Stays, splinter bar, round .. .. ,,	2
Washers, drag, 2nd class (special) .. iron	2
Pole.	
Loops, clip, pole point .. .. .. iron	1
Plates, strengthening pole .. .. ,,	2
Plates, bearing, pole bar .. .. steel	1
Chains, draught pole, No. 2 .. .. iron	2
LEATHERWORK.	
Leathers, fixture, cases, bill hook.. ..	1
Leathers, fixture, cases, felling axe ..	1
Leathers, fixture, for, spade	2
Leathers, fixture, for, axe, pick long ..	1
Leathers, fixture, for, axe, pick short ..	1*c*
Leathers, fixture, for, maul	1

NOTE.—Wagons fitted with ordinary main pin and wheel plate take one more strap of 18″ × 1″ and one less of 26″ × 1″, and the additional fixture leather marked *c*, consequent upon the altered position of carrying the pickaxe.

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 10 in. × 1 in. (bill hook) ..	2
10 in. × 1 in. (seat, driver's) ..	2
13 ,, × 1 ,, (felling axe) ..	2
13 ,, × 1 ,, (seats, when not in use)	2
18 ,, × 1 ,, (spade)	2
26 ,, × 1 ,, (pickaxe)	1*a*
26 ,, × 1 ,, (grease boxes) ..	2
26 ,, × 1 ,, (camp kettles) ..	2
26 ,, × 1 ,, (swingletrees) ..	2
36 ,, × 1 ,, (spare pole) ..	2
44 ,, × 1 ,, (camp kettles) ..	2
54 ,, × 1 ,, (lifting jack) ..	2
Covers, waterproof .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*
Lashings, tarred, 1-inch, 20 feet (spare wheel)	3

a See Note, page 66.
b These articles are required with each complete wagon, but are charged separately and must be so demanded.

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8
Equipment
4

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EQUIPMENT REGULATIONS.

PART 2. SECTION XI. (a).

1904.

WAR DEPARTMENT
OFFICE CHIEF OF STAFF
No. 2577-M-2
JUN 17 1905
MILITARY INFORMATION DIVISION

AMENDMENTS.

Page 6. *Dele* para. 8 and *substitute*—

Storage of Ammunition. 8/Equip./8

"8. The following instructions are to be observed with regard to the storage of ammunition in charge of the unit :—

"(*a*) Ammunition should, as a general rule, be stored in the vehicles in which it will be carried, except that in cases where the vehicles are necessarily kept in dangerous proximity to inhabited houses, or other possible causes of fire, suitable arrangements will, as far as possible, be made locally for the storage of all cartridges.

"(*b*) When not stored in the vehicles the cartridges will be kept in properly lutened and dated M.L. cases, the tubes, fuzes, and shells grouped according to age and date.

"(*c*) Ammunition in mobilization equipment should never be taken out of store except to replenish peace equipment, or on mobilization. On no account should ammunition which has been in charge of the troops be returned to mobilization equipment in charge of the unit. This does not apply to the annual week's practice to be carried out under para. 142F, Part 1, Equipment Regulations, 1902."

Page 12—

Dele "Caps, knee," "Rest, tripod," "Bags, sand" and detail.

54
Gen. No.
9593

Page 17. *After* "keys" *insert*—

"Lamps, reading *b*... | 2."

Add footnote—

"*b* Peace only. For instructional purposes."

Page 22. Sets of Tools—

Against "Clams" and "Palms," *for* "collarmakers" *substitute* "saddlers."

(Wt. 482 4000 4 | 05—H & S 5796) P. 04/1467

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Page 23—

For "Rules, collarmakers', fourfold" *read* "Rules, G.S., fourfold."

For detail against "Files, saw, taper, &c." to "Spanner McMahon, &c." *substitute*—

"	1	
	3	
	2	
	2	
	1	
	2	
	1	
	1	"

Page 24—

Dele "Spokes" and detail.

Page 25. Forge Tools—

Dele "Steel pieces" and detail.

For detail against "Cloths, sponge" and "Irons, soldering," &c. *substitute* "4" and "1" respectively.

Page 26. Table 2—

Against "Bags, kit, R.A." *insert* "*f*."

Insert—

" Belts, waist, brown (bandolier equipment, 1903)...	2	2	For mekometer."

Against "Belts" *dele* "O.R." and detail.

Add footnote—

"*f* Will be replaced by 'Bags, spare field kit,' when existing stock is exhausted."

Page 27. Table 4—

Against "Pole, draught, R.A." *insert* "breast or neck collar *c*."

Add footnote—

"*c* Harness breast collar only for those units specially instructed to convert their neck collar harness to N.P. (§ 12134, L. of C.)."

Page 28. Table 6—

Under "Woolwich Section No. 6" *insert*—

" Straps, shoe case... ...	1	1	For sword frog."

Page 30. Table 8—

Under "Woolwich Section No. 2" *insert*—

" Appliances for erecting blankets, S.S. sets *f*	7*d*	...	"

Against "Sheets, ground" *for* "17" *substitute* "14*d*."

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Against "Blankets" *dele* "G.S." and *substitute* "S.S." and *for* "17*d*" *substitute* "14*d*."

Add at end of footnote "*d*" "In A.O.D. charge."

Dele remark in column against "Sheets" and "Blankets."

Page 31. Table 9—

Against "Cutters, wire" *insert* "*g*."

Against "Nails, horse shoe" *insert* "*h*."

Against "Shoes, horse" *for* "3 *f*" *substitute* "11 *i*."

Under "Woolwich Section No. 10" *insert*—

"Valise, horse shoe ... | 1 | ... |"

In footnote "*f*" *for* "*f*" *read* "*i*," *after* "*i*" *insert* "3 sets," *for* "bag attached to front" *read* "valise in locker," *for* "120" *read* "180," and *add* at end of footnote "the remainder in wagon."

Add footnotes—

"*f See* footnote '*j*,' page 30."

"*g* Units in possession of Mark II cutters will retain spare springs and cutters."

"*h* 60 nails will be stored for every set of shoes."

Page 31. Table 9—

Footnote "*a*" *for* "detail" *substitute*—

" | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 1 "

Page 31—

Against "Lashings," &c.—

32 feet, *for* "2" *substitute* "1."
16 „ *dele* "„" *under* "spare."

Page 32. Table 9—

Against "Cases," "Plotters," "Stands," and "Telescopes" *insert* letter "*b*," *dele* "Mark II* or III."

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Add footnote—

"*b* Indirect laying stores."

Page 32. Table 9—

Under "Woolwich Section No. 29" *insert*—

"Director *b* ... ... | 1 | 1 |"

Page 33. Table 10—

Against "Pullthroughs" *dele* "double" and detail.

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Page 35. Table 12—

Against "Bags, kit, R.A." *insert* "*f*."

Add footnote—

"*f See* footnote '*f*,' page 26."

Against "Belts, waist, brown" *dele* "pistol, cavalry," and *insert* "bandolier equipment, 1903," *dele* "war only."

Against "Belts, waist" *dele* "buff, cavalry patt. '85" and detail.

Page 36—

Dele from "Billets" to "short parts" and detail.

Page 37. Table 15—

Against "Pole draught, R.A." *insert* "breast or neck collar *e*."

Add footnote—

"*e See* footnote '*e*,' page 27."

Page 39. Table 16—

Under "Woolwich Section No. 6" *dele* "Straps" and detail.

Page 40. Table 17—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe case		1 per battery for sword frog."

Page 43. Table 19—

Against "blocks, brake," &c. *dele* "(Mark II)."

For detail *substitute*—

"	...	...	...	20	...	...	...	6*h*	6*h* "

Handspike, traversing, No. 2—

For "Mark III *e*" *read* "with stud, Mark III*e*."

Page 46. Table 22—

Against "Wheels, 3rd class," &c. *in* last column *insert* "0 $1\frac{1}{4}$."

Against "Covers," &c., *in* fourth column, *for* "0 3," "0 $3\frac{3}{4}$" "0 4" *substitute* "0 $4\frac{1}{2}$," "0 $5\frac{5}{8}$," and "0 6."

Page 47. Table 24—

Insert—

"Appliances for erecting blankets, S.S. sets	...	...	...	89*a*	...	...	...	...	...	...	"

Add footnote—

"*a See* footnote '*d*,' page 30."

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Page 49. Table 24—

Dele note against "Sheets, ground" and *insert*—

"| ... | ... | ... | 178*g* | ... | ... | ... | ... | ... | ... |"

Against "Tents" *for* "21" *substitute* "17."

Against "Blankets" *insert*—

"S.S. | ... | ... | ... | 178*g* | ... | ... | ... | ... | ... | ... |"

Dele note in last column.

Add at end of footnote "*g*" "In A.O.D. charge."

Page 51. Table 26—

Against "Cutters, wire" *insert* "*g*."

Add footnote—

"*g* *See* footnote '*g*,' page 31."

Page 51. Table 26—

Against "Chisels, ripping" *insert* figure "1" in fourth column.

Page 52. Table 26—

Against "Drivers, screw, 9-inch" and "Hammers, riveting, 24-oz." *insert* figure "1" in fourth column.

Page 53. Table 26—

Against "Oil, Rangoon" *dele* "10" in third column.

Against "Mineral jelly" *insert* "red."

Page 53. Table 26—

Under "Woolwich Section No. 10" *insert*—

"Valises, horse shoe | ... | 1 | 1 | 13 | ... | 1 | ... | 6 | 6 |"

At end of footnote "*f*" *add* "60 nails will be stored for every set of shoes."

In footnote "*r*" *for* "bags" *read* "valises," and *for* "120" *read* "180."

Page 54. Table 26—

For "boxes, empty" *substitute*—

"Boxes, empty, { mobilization stores { No. 1 *j b*. No. 7 (spare parts) *b*. No. 6 (saddler's tools). cartridge, blank, B.L. 12-pr. *c*.

Page 55. Table 26—

Against "Posts, aiming" and "Gun arcs" *insert* letter "*m*."

Add footnote—

"*m* Indirect laying stores."

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Page 57. Table 26—

For designation against "Pins, keep, split," *substitute*—

"2 in. × $\frac{3}{16}$ in.
$\frac{3}{4}$ in. × $\frac{3}{64}$ in.
$\frac{1}{2}$ in. × $\frac{3}{16}$ in."

Page 59. Table 26—

Against "Sights, B.L. telescopic, 12-pr., 6 cwt.," *dele* "Mark IV," &c., and detail *substitute*—

"Left, Mark IV (Marks II to IV guns)...	...	1	...	1*e*	...	1	...	...	7*e*	7*e* |"

Add footnote—

"*e* 1 carried as convenient."

Page 59. Table 26—

Insert—

"Cases, telescopic sight...	1	...	1	7	1	...	7*e*	7*e*	"

Page 60. Table 26—

Against "Caps, sponge, No. 4," *dele* detail under heading "War."

For "Cleaners { piasaba, B.L., &c.
wool, B.L., &c."

Substitute "Cleaners, { piasaba, No. 7.
wool, No. 1."

Page 61. Table 26—

Against "Rammers," *for* "B.L. 12 and 15-pr.," *read* "B.L. or Q.F. 15-pr. and B.L. 12-pr.

$\frac{71}{\frac{1}{3344}}$

For "Keys, cases, powder," *read* "Cases, powder, M.L. Keys."

Dele "Woolwich Section, No. 21."

For "Puffs, powder, &c., and detail," *substitute*—

"Pins, puff, powder, 4 oz.	...	...	...	...	...	...	...	...	6	6	Annual allowance (*see* page 34)."
Puffs, powder, 4 oz. ...	...	...	...	...					50	50	

Page 61. Table 26—

Under "Woolwich Section No. 22" "Implements, fuze, shell, and cartridge," *insert*—

"Setters, fuze (for No. 60 fuzes) *b*	1	...	...	6	1	...	...	6	6	"

Page 62. Table 26—

For detail against "Lanyards," *substitute*—

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"|	3	1	...	...	3	1	...	24	24 |"

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Page 63—

Dele Stamps " steel, for wood, $\frac{3}{16}$ in.," and detail

Page 65. Table 26—

Against "Flags," "Cases," "Directors," "Plotters," "Stands," and "Telescopes," *insert* letter "*d*." *Dele* "Marks II* or III."

Add footnote—

"*d* Indirect laying stores."

Page 66—

Against "Tubes, friction, T, drill," *dele* "Mark II" and detail, and *substitute*—

"	...	1	...	7*f*	...	1	...	7*df*	7*df*	'

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Add footnote—

"*f* 1 carried as convenient."

Page 69. Table 27—

Dele " Iron pieces " and detail.

Page 70. Table 27—

After " Staples " *insert*—

" Steel pieces	bolt, 2 ft. 8 in.	1 in.	...	1	In box with forge tools.	
		$\frac{5}{8}$,, ...	1	1		
		$\frac{3}{4}$,, ...	1	1		
	flat, 2 ft. 8 in.	3 ,, × $\frac{1}{4}$ in. ..	1	1		
		2 ,, × $\frac{1}{2}$,, ...	...	1		
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...	1		
		6 ,,	...	1		
	tine, 12 in. × 3 in. × $\frac{1}{2}$ in., curved		...	1		

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Page 70. Table 27—

Under " Woolwich Section No. 13 " *insert*—

" Washers, packing, 1·5-in. dia.	No. 25, S.W.G. (elevating gear)	...	6	,
	,, 21, ,, ,,	...	6	

Page 71—

Against " Spokes " in last column, *insert* " In box with wheelers' tools."

Page 75—

Under " Woolwich Section No. 2 " *insert*—

" Appliances for erecting blankets, S.S., sets | 2*a* "

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Page 75—

Against "Blankets" *for* "G.S." *substitute* "S.S. *a*"
Against "Sheets, ground" *add* letter "*a*."

Page 77. Table 35—

Against "Pullthroughs" *dele* "double" and detail.

Page 77. Table 36—

Insert—

"Belts, waist, brown (bandolier equipment, 1903) | 2 per column for mekometer."

Against "Bags, kits, R.A." *insert* "*d*."
Add footnote—

"*d See* footnote '*f*,' page 26."

Page 79. Table 39—

Against "Pole, draught, R.A." *insert* "breast or neck collar *e*."
Add footnote—

"*e See* footnote '*c*,' page 27."

Page 81. Table 40—

Dele "Straps" and detail.

Page 84. Table 42—

Against "Blocks, brake, &c.," *delete* "(Mark II)."
For detail—*substitute*—

"| ... | ... | ... | ... | 54 |"

Page 84. Table 42—

Dele "Bolts, capsquare *a*" and detail.

Page 85. Table 42—

Against "Handspikes, traversing" *for* "No. 2, Mark III *a*" *read* "No. 2 with stud, Mark III *a*."

Page 86. Table 43—

For detail against "Hooks, bill" *substitute*—

"| 1 | 1 | 1*d* | ... | ... |

Page 86. Table 43—

Insert—

"Appliances for erecting blankets, S.S., sets | ... | ... | ... | ... | 67*c* |.

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Page 87. Table 43—

Dele note against "Sheets, ground" and *insert*—

"| ... | ... | ... | ... | 133*c* |"

Against "Blankets" *insert*—

"S.S. | ... | ... | ... | ... | 133*c* |"

Dele note in last column.

At end of footnote "*c*" *add* "In A.O.D. charge."

Page 90. Table 45—

Against "Cutters, wire" *insert* "*i*."

Page 91. Table 45—

Against "Nails, horse shoe" *insert* "*b*."

Under "Woolwich Section No. 10" *insert*—

"Valises, horse shoe... | ... | 1 | 1*d* | ... | 21 |"

At end of footnote "*b*" *add* "60 nails will be stored for every set of shoes."

In footnote "*h*" *for* "bags" *read* "valises," and *for* "120" *read* "180."

Add footnote—

"*i* *See* footnote '*g*,' page 31."

Page 91—

Against "Mineral jelly" *insert* "red."

For detail against "Jacks, lifting, G.S." *substitute*—

"| ... | ... | 1 | ... | 3 |"

Page 92. Table 45—

For "boxes for saddler's tools" and "spare parts" *substitute*—

"Boxes, empty, mobilization stores. { No. 6 (for saddler's tools). ,, 6 (for spare parts)."

Page 93. Table 45—

Against "Posts, aiming" and "Gun, arcs" *insert* letter "*i*."

For detail against "Posts, aiming" *substitute*—

"| 1 | ... | 1 | ... | 2 |
| 1 | ... | 1 | ... | 2 |
| ... | ... | 2 | ... | 2 |"

Add footnote—

"*i* Indirect laying stores."

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Page 94. Table 45—

Against "Pins, keep, bolt, elevating," in last column, *for* "50" *substitute* "24."

Page 95. Table 45—

Against "Pins, keep, elevating bolt," in last column, *for* "50" *substitute* "24."

Page 95. Table 45—

Against "Clamps," &c., *amend* detail to *read*—

" ...	1	...	...	6 ,

For designation against "Pins, keep, split" *substitute*—

" 2 in. × $\frac{3}{10}$ in.
$\frac{3}{4}$,, × $\frac{5}{64}$,,
$\frac{1}{2}$,, × $\frac{1}{10}$,, "

Pages 96 & 97. Table 45—

For detail against "Sights, B.L." *substitute*—

" Sights, B.L.,	fore, &c. ...	...	1	...	...	6
		...	1	...	...	6
	tangent, &c....	...	1	...	...	6
		...	1	...	...	6
		...	1	...	...	6
	telescopic, &c. ...	...	...	1	...	1 "

Page 97. Table 45—

Under "Woolwich Section No. 17" *insert*—

" Cases, telescopic sight ...	...	...	1	...	1 "

Page 97. Table 45—

Before "Mark IV" *insert* "left."

Page 98. Table 45—

Against "Lashings, tarred, $1\frac{1}{2}$ in., 32 ft.," "Ropes, drag, &c.," "Tow, &c.," "Tackles, &c.," *for* detail *substitute*—

" ...	...	1	...	15	
1	1	1g	1	...	
...	...	...	...	6	
...	...	...	...	1 "	

Page 99. Table 45—

For detail against "Lanyards," &c., *substitute*—

" 3	1	...	...	...	"

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Page 99. Table 45—

Against "Covers, cartridge," *in* last column *for* "1,500" *substitute* "600."

Page 100. Table 45—

Against "Stamps" *dele* "wood, $\frac{3}{16}$ inch" and detail.

Page 101—

For "wood, $\frac{1}{4}$ inch" *substitute* "metal, $\frac{1}{4}$ inch."

Page 101. Table 45—

Against "Cases," "Directors," "Plotters," "Stands," and "Telescopes" *insert* letter "*g*," *dele* "Mark II* or III."

Add footnote—

"*g* Indirect laying stores."

Page 103. Table 46—

Against "Bolts, with nuts," *before* "No. 35," &c., *insert* "Nave, 2nd class, C."

Page 104. Table 46—

Dele "Iron pieces" and detail.

Page 105. Table 46—

Dele "Steel, pieces" and detail, and *substitute*—

"Steel, pieces	bolt, 2 ft. 8 in. ×	1 in.	2	1 in box with forge tools.
		$\frac{5}{8}$,, ...	2	
		$\frac{3}{4}$,, ...	2	
	flat, 2 ft. 8 in. ×	3 ,, × $\frac{1}{4}$ in. ...	2	
		2 ,, × $\frac{1}{2}$,, ...	2	
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in. ...	2	
		6 ,, ...	2	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in., curved ...		2	"

Against "Straps, securing, 44 in.," *dele* "× 1 in."

Page 106—

Insert—

"Spokes, No. 35 and 35 A ...	back	3	In box with wheelers' tools."
wheels, *b* ...	front	3	

Page 109—

Against "Brackets," *after* "pawl," &c., *insert*—

"securing handspike, M.B., in 2 parts, with spring, and 2 fixing bolts ... | 1 | 1 |"

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Page 110—

Dele—" Plates, securing spanner
Staples, securing handspike
Stops { handspike / McMahon spanner } and detail.
"

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9818

Page 112—

Pockets—

Against " lanyard," *dele* " 1 " in column " Mark II," *insert*—

" T friction tube (also for lanyard) ... ... | ... | 1 | "

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Under " Accessories," *insert*—

" Box, telescopic sight ... ... | ... | 1 | "

Page 114—

Under " Leather fittings " *insert*—

" Straps, pole (for No. 17, Mark II, draught pole) | 2."

Page 115—

" Straps, securing "—

Against—

" 26 in. × 1 in."

Dele—

" (kit bags) ... ... | 4 | "

Page 127—

For " Pole, draught, No. 2," *read* " Pole, draught, wagon, artillery."

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Vocab.
6443

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EQUIPMENT REGULATIONS.

PART 2. SECTION XI (b).
1904.

AMENDMENTS.

Page 5. *Against* "Carriage" and "Limber field" *dele* "B.L."

Storage of ammunition.

Page 6. *Dele* para. 7 and *substitute*—

"7. The following instructions are to be observed with regard to the storage of ammunition in charge of the unit :—

"(*a*) Ammunition should, as a general rule, be stored in the vehicles in which it will be carried, except that in cases where the vehicles are necessarily kept in dangerous proximity to inhabited houses, or other possible causes of fire. Suitable arrangements will, as far as possible, be made locally for the storage of all cartridges.

"(*b*) When not stored in the vehicles, the cartridges will be kept in special cases, the fuzes and shells grouped according to age and date.

"(*c*) Ammunition in mobilization equipment should never be taken out of store, except to replenish peace equipment, or on mobilization. On no account should ammunition which has been in charge of the troops be returned to mobilization equipment in charge of the unit. This does not apply to the annual weeks practice to be carried out under para. 142F, Part 1, Equipment Regulations, 1902."

Page 12—

Dele "Caps, knee," "Rest, tripod," "Bags, sand" and detail.

Page 17—

Under "Keys" *insert*—

"Lamps, reading *b* | 2."

Add footnote—

"*b* Peace only. For instructional purposes."

Page 22. Sets of tools—

Against "Clams" *and* "Palms."

For "collarmakers" *read* "saddlers."

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Page 23—

For "Rules, collarmakers', fourfold," *read* "Rules, G. S. fourfold."

Page 24—

Dele "Spokes" and detail, "Steel pieces" and detail.

Page 26. Table 2—

Against "Belts" *dele* "O.R." and detail.

Insert—

"Belts, waist, brown (bandolier equipment 1903) ... | 2 | 2 | For mekometer."

Against "Bags, kit, R.A." *insert* "*f*."

Add footnote—

"*f* Will be replaced by 'Bags, spare field kit,' when existing stock is exhausted."

Page 27. Table 4—

Against "Pole, draught, R.A." *insert* "Breast or neck collar *b*."

Add footnote—

"*b* Harness, breast collar, only for those units specially instructed to convert their neck collar harness to N.P. (§ 12134, L. of C.)."

Page 28. Table 6—

Under "Woolwich Section No 6" *insert*—

"Straps, shoe case... ... ... | 1 | 1 | For sword frog."

Page 29. Table 8—

Insert—

"Appliances for erecting blankets, S.S. sets ... | 6*b* | ... |"

Add footnote—

"*b* See first footnote '*c*' page 30."

Page 30. Table 8—

Against "Sheets, ground" for "15" *substitute* "12*c*."

For "Blankets, G.S." and detail, *substitute*—

"Blankets, S.S. ... ... | 12*c* | ... |"

Dele note *against* "Sheets and Blankets."

At end of footnote "*c*," *add* "in A.O.D. charge."

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Page 30. Table 9—

Against "Cutters, wire" *insert* "*d*."

Against "Nails, horse shoe" *insert* "*e*."

Against "Shoes, horse" *for* "3 *c*," *substitute* "9 *c*."

Under "Shoes, horse" *insert*—

"Valise, horse shoe ... ... | 1 | ... |"

In footnote "*c*" in front of "carried" *add* "3 sets," *for* "bag attached to front" *read* "valise in locker," *for* "120" *read* "180," and *add* at end of footnote "The remainder in wagon."

Add footnote—

"*d* Units in possession of Mark II cutters, will retain spare springs and cutters."

Add footnote—

"*e* 60 nails will be stored for every set of shoes."

Page 31. Table 9—

Under "Woolwich Section No. 29" *insert*—

"Director *g* ... ... | 1 | 1 |"

In footnote "*a*" for detail, *substitute*—

"| 1 | 3 | 1 | 1 | 2 | 2 | 1 |"

Page 31. Table 9—

Against "Cases," "Plotters," "Stands," and "Telescopes," *insert* letter "*g*." *Dele* "Mark II* or III."

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Add footnote—

"*g* Indirect laying stores."

Against "Lashings," &c.—

32 feet. *For* "2" *substitute* "1."

For "10 feet" *substitute* "16 feet" and *dele* ",," under "spare."

Page 32. Table 10—

Against "Pullthroughs" *dele* "double" and detail.

Page 34. Table 12—

Dele "Belts, waist, buff" and detail.

Against "Bags, kit, R.A." *insert* "*f*."

Against "Belts, waist, brown," *dele* "pistol, cavalry," and *insert* "(bandolier, equipment 1903)" *dele* "war only."

Add footnote—

"*f* *See* footnote '*f*,' page 26."

Page 35—

Dele from "Billets" to "short parts" and detail.

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Page 36. Table 15—

Against "Pole, draught, R.A.' *insert* "breast or neck collar *c*."

Add footnote—

"*c See* footnote '*b*,' page 27."

Page 38. Table 16—

Dele "Straps, &c.," and detail.

Page 39. Table 17—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe case ...	...	1 per battery for sword frog *b*."	

Page 41. Table 19—

Under "Woolwich Section No. 13" *insert*—

"Blocks, brake, field and transport...	...	...	2	...	...	...	...	...	...	...			
"Tools for reassembling hydraulic buffers, sets *f*	...	...	...	1	...	...	...	1	"				54 Art. 2130

Add footnote—

"*f* Each set consists of:—One key hydraulic buffer, one bush reforming stuffing box, one extractor packing, one cylinder (tin), one cylinder (wood), one drift (bronze), and one extractor leather rings."

Page 41. Table 19—

Against "Apparatus," &c. *For* detail *substitute*—

"	1*a*	...	...	...	...	...	...	3*d*	"				

Under "Fittings, spare," *insert*—

"bolts, securing	fore sight, Q.F., 15 pr.	2	...	...	12	...	...	...	12	"			54 Art. 1469
	hind ,, ,, ,,	2	...	...	12	...	...	...	12				

Page 42. Table 19—

For detail against "Spanners, &c., No. 112," *substitute*—

"	1*e*	...	...	3	1*e*	...	...	3	"				

Page 43—

Against "Washers, drag, 2nd class," &c. In detail *for* "*c*" *read* "*e*."

Page 46. Table 24—

Insert—

"Appliances for erecting blankets, S.S. sets	...	...	...	87*e*	...	...	...	...	...				

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Page 47. Table 24—

Dele note against "Sheets, ground" and *insert*—

"| ... | ... | ... | 174*e* | ... | ... | ... | ... | ... |"

Add footnote—

"*e* Only when specially ordered. In A.O.D. charge."

Page 48. Table 24—

Against "Tents" *for* "20" *substitute* "17."

Against "Blankets, G.S." *dele* note in last column.

Insert—

"Blankets, S.S. | ... | ... | ... | 174*b* | ... | ... | ... | ... | ... |"

At end of footnote "*b*" *add* "In A.O.D. charge."

Page 50. Table 26—

Against "Cutters, wire *insert* "*p*."

Pages 50, 51. Table 26—

Against "Chisels, ripping," "Drivers, screw, 9-in. G. S.," and "Hammers, riveting, 24 oz.," *insert* figure "1" in fourth column.

Against "Hammer, claw, 20 oz.," *insert* letter "*g*.

Page 51. Table 26—

Add footnote—

"*p* *See* footnote '*d*,' page 30."

Page 52. Table 26—

Against "Nails, horse shoe" *insert* "*a*."

Under "Shoes" *insert*—

"Valises, horse shoe .. ... | ... | 1 | 1 | 13 | ... | 1 | ... | 6 |"

Page 53. Table 26—

For "Boxes, empty" *substitute*—

"Boxes, empty, Mobilization Stores ... { No. 6 (for saddler's tools). No. 6, spare parts, &c. No. 1 *h*."

At end of footnote "*a*" *add* "60 nails will be stored for every set of shoes."

In footnote "*k*" *for* "bags" *read* "valises," and *for* "120" *read* "180."

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Page 53. Table 26—

Against "Oil, Rangoon," *dele* "10" in third column of detail.

Against "Covers" *dele* "foresight, Q.F. 15-pr.," and detail.

Against "Gun arcs" and "Posts, aiming" *insert* letter "*l*."

Add footnote—

"*l* Indirect laying stores."

Against "Mineral jelly" *insert* "red."

Page 55. Table 26—

Against "bolts" *dele* "securing {foresight / hindsight}" and detail.

For detail *against*—

"bolts' catch retaining striker									
catches { breech block	*substitute*								
catches { safety									
breech mechanisms, complete"									

"	2	...	...	12	2	...	...	12	
	1	...	...	6	1	...	...	6	
	3	...	...	18	3	...	...	18	
	...	...	1	1	...	...	...	.	"

Against "Springs, rebound striker," *dele* figure "1" in fourth column of detail.

For "Cleaners, piasaba, Q.F. 15-pr.," *substitute* "Cleaners, piasaba, B.L. 10-pr. and Q.F. 2·95-in. and 15-pr."

$$\begin{array}{r} 73 \\ 3 \\ \hline 5298 \end{array}$$

Page 56. Table 26—

For "Keys, cases, powder," *read* "Cases, powder, M.L.—Keys."

Dele "Woolwich Section, No. 21."

For "Puffs, powder," &c., and detail, *substitute*—

"Pins, puff, powder, 4 oz.	...	...	...	...	...	...	...	6	Annual allowance (*see* page 33)."
Puffs, powder, 4 oz. ...	...	...	...	..	...	...	...	50	

Page 56. Table 26—

For "Rammers," &c., *substitute* —

"Rammers, B.L. or Q.F., 15-pr., and B.L., 12-pr."

Page 57. Table 26—

Against "Implements, fuze, shell," &c., *insert*—

"Setters, fuze (for No. 60 fuzes) ...	1	...	...	6	1	...	...	6

"

For "Shells, Q.F., filled," &c., *substitute*—

"Shells, B.L. or Q.F., filled," &c.

Page 58—

Against "Stamps," *dele* "wood, $\frac{3}{16}$ in.," and detail.

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Page 59. Table 26.

Against "Cases, telescope and stand," "Directors," Plotters," "Stands," and "Telescopes," *insert* letter "*f*." *Dele* "Mark II* or III."

Insert "*g*" in front of last footnote.

Add footnote—

"*f* Indirect laying stores."

Page 61. Table 27—

Against "Rings," &c., *after* "packing," *insert* "U section."

After "Rivets," &c., *insert*—

"Steel pieces	bolt, 2 ft. 8 in.	1 in.	...	1	In box with forge tools.
		$\frac{5}{8}$,, ...	1	1	
		$\frac{1}{4}$,, ...	1	1	
	flat, 2 ft. 8 in. ×	3 ,, × $\frac{1}{4}$ in. ...	1	1	
		2 ,, × $\frac{1}{2}$,, ...	..	1	
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...	1	
		6 ,,	...	1	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in, curved		...	1	

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Page 62. Table 27—

Against "Washers," &c., *after* "packing," *insert* "leather."

Against "Packing, hydraulic," *for* "$\frac{3}{8}$ in. × 27 in. long," *substitute* "$\frac{3}{8}$ in. square (length of 27 ins)."

Page 65. Table 30—

Against "Pullthroughs" *dele* "double" and detail.

Page 66. Table 31—

Against "Bags, kit, R.A." *insert* "*d*."

Insert—

"Belts, waist, brown (bandolier, equipment 1903) | 2 per column for mekometer."

Add footnote—

"*d See* footnote '*f*,' page 26."

Page 68. Table 34—

For "Per battery" *substitute* "Per column."

Against "Pole, draught, R.A." *insert*—

"Breast or neck collar *c*."

Add footnote—

"*c See* footnote '*b*,' page 27."

Page 69. Table 35—

Dele "Straps, shoe case," &c., and detail.

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Page 71 Table 37—

Against "Blocks" *insert*—

"Brake, field and transport... ... | ... | ... | 2 | 64"

Against "Carriages" for "25-pr.," *read* "15-pr."

Page 71. Table 37—

Against "Apparatus," &c., *dele* "*a*."

For "Blocks, securing buffer," *read* "Blocks, hydraulic buffer."

For "Covers, canvas (for cradle)," *read* "Covers, cradle."

Against "Spanners," *insert* "hydraulic buffer."

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Page 72. Table 38—

Insert—

"Appliances for erecting blankets, S.S. sets | ... | ... | ... | 91*b* |"

Dele note *against* "Sheets, ground" and *insert*—

"| ... | ... | ... | 182*b* |"

At end of footnote "*b*" *add* "In A.O.D. charge.

Against "Tents" *for* "20" *substitute* "17."

Page 73. Table 38—

Against "Blankets, G.S." *dele* note in last column.

Insert—

"Blankets, S.S. .. .. | ... | ... | ... | 182*a* |"

Add footnote—

"*a* Only issued when specially ordered. Held in A.O.D. charge.'

Page 74. Table 40—

Against "Cutters, wire" *insert* "*c*."

Add footnote—

"*c* *See* footnote '*d*,' page 30."

Page 75. Table 40—

Against "Nails, horse shoe" *insert* "*a*."

Under "Shoes, horse" *insert*—

"Valises, horse shoe ... ... | ... | ... | 1 | 32 |"

Against "Boxes, empty" *insert* "Mobilization Stores No. 6," in front of "for saddler's tools," and "for spare parts, &c."

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At end of footnote "*a*" *insert* "60 nails will be stored for every set of shoes."

In footnote "*j*" *for* "bags" *substitute* "valises," and *for* "120" *substitute* "180."

Page 75. Table 40—

Under "Woolwich Section, No. 13," *insert*—

"Bolts, securing	foresight	...	...	...	...	18
	hind sight	...	...	...	...	18

"

Against "Mineral jelly," *insert* "red."

Page 76. Table 40—

Against "Gun arcs" and "Posts, aiming," *insert* letter "*a*."

Dele "bolts, securing { foresight / hind sight } " and detail.

Add footnote—

"*a* Indirect laying stores."

Page 76. Table 40—

Under "Fittings, spare," in front of "catch," "main," and "rebound striker" *insert* "springs." *Dele* "Breech, mechanism," &c., "catches, safety" and detail.

For detail *against*—

"Bolts, catch, retaining striker	...	*substitute*	...	...	...	6
Pins, fixing	...	"	3	...	...	12
Strikers	...	"	2	...	..	12
Springs, catch, breech block	...	"	2	...	...	6

"

Page 77. Table 40—

For detail against "Lashings, tarred, $1\frac{1}{2}$ in. × 32 ft., *substitute*—

"| ... | ... | 1 | 32 |."

Against "Drivers, screw, 3-in., &c." *for* "9" *substitute* "3."

Page 77. Table 40—

For "Rammers," &c., *substitute*—

"Rammers, B.L. or Q.F., 15-pr., and B.L. 12-pr."

Page 78. Table 40—

Under "Woolwich Section, No. 22A," *insert*—

"Boxes, cartridge, Q.F., 15-pr.	...	...	...	...	108

"

Against "Cartridges, &c.," "pistol, &c.," *dele* figure "5" in column 1.

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Page 79. Table 40—

Against "Cases, stand, and telescope," "Directors," "Plotters," "Stands," and "Telescope," *insert* letter "*d*." *Dele* "Mark II* and III."

Add footnote—

"*d* Indirect laying stores."

Against "Stamps," *dele* "wood $\frac{3}{16}$ in.," and detail.

For "wood $\frac{1}{4}$ in." *substitute* "metal $\frac{1}{4}$ in."

Page 80. Table 41—

Against "Rings," *after* "packing," *insert* "U section."

Against "Tacks, steel, cut, No. 197," *for* "1," *substitute* "2."

Page 81. Table 41—

Against "Washers," *after* "packing," *insert* "leather."

For "Steel, pieces," and detail, *substitute*—

"Steel, pieces	bolt, 2 ft. 8 in. ×	1 in.	...	...	2	1-in. box with forge tools.
		$\frac{5}{8}$ in.	...	...	2	
		$\frac{1}{2}$ in.	...	...	2	
	flat, 2 ft. 8 in. ×	3 in. × $\frac{1}{4}$ in.	...		2	
		2 in. × $\frac{1}{2}$ in.	...		2	
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...		2	
		6 in.	...		2	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in. curved		...		2	"

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Page 81—

Dele "Spokes, wheels," and detail, and *substitute*—

"Spokes, Nos. 34 and 34 A wheels	6	In box with wheelers' tools."

Page 89—

Under "Leather fittings" *insert*—

"Straps, pole (for No. 17, Mark II, draught poles ...	...	2 "

Page 98—

For "Poles, draught, No. 2," *read* "Poles, draught, wagon, artillery."

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DEC 24 1926

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EQUIPMENT REGULATIONS.

WAR DEPARTMENT
OFFICE CHIEF OF STAFF
No. 2577-M.2
JUN 17 1905
MILITARY
INFORMATION DIVISION

PART 2. SECTION XI (c).

1904.

AMENDMENTS.

Storage of ammunition. 8/Equip./8

Page 6. *Dele* para. 7 and *substitute*—

"7. The following instructions are to be observed with regard to the storage of ammunition in charge of the unit:—

"(*a*) Ammunition should as a general rule be stored in the vehicles in which it will be carried, except that in cases where the vehicles are necessarily kept in dangerous proximity to inhabited houses or other possible causes of fire, suitable arrangements will, as far as possible, be made locally for the storage of all cartridges.

"(*b*) When not stored in the vehicles, the cartridges will be kept in properly lutened and dated M.L. cases, the tubes, fuzes, and shells grouped according to age and date.

"(*c*) Ammunition in mobilization equipment should never be taken out of store except to replenish peace equipment or on mobilization. On no account should ammunition which has been in charge of troops be returned to mobilization equipment in charge of the unit. This does not apply to the annual week's practice to be carried out under para. 142F, Part I, Equipment Regulations, 1902."

Page 11—

Dele "Caps, knee," "Rest, tripod," "Bags, sand" and detail.

Page 16—

Under "Keys" *insert*—

"Lamps, reading *b*	2"

Add footnote—

"*b* Peace only. For instructional purposes."

Page 21. Sets of Tools—

Against "Clams" and "Palms" *for* "collarmakers" *read* "saddlers."

(Wt. 482 4000 4 | 05—H & S 6790) P. 04 / 1467

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Page 22—

For "Rules, collarmakers', fourfold" *read* "Rules, G.S., fourfold."

Page 23—

Dele "Spokes" and detail.

Page 24—

Dele "Steel pieces" and detail.

Page 26. Table 2—

Insert—

"Belts, waist, brown (bandolier, equipment 1903) ... | 2 | 2 | For mekometer."

Against "Bags, kit" *insert* "*f*."

Against "Belts," &c., *dele* "O.R." and detail and "Field Artillery," &c., and detail.

Add footnote—

"*f* Will be replaced by 'bags, spare field kit,' when existing stock is exhausted."

Page 27. Table 4—

Against "Pole, draught, R.A." *insert* "breast or neck collar *c*."

Add footnote—

"*c* *See* footnote '*e*,' page 35."

Page 28. Table 6—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe case... ... ... | 1 | 1 | For sword frog."

Page 29. Table 8—

Insert—

"Appliances for erecting blankets, S.S., sets | 6*d* | ... |"

Against "Sheets, ground" *for* "15" *substitute* "12*d*."

For "Blankets, G.S." and detail *substitute*—

"Blankets, S.S. | 12*d* | ... |"

Dele note against "Sheets" and "Blankets."

At end of footnote "*d*" *add* "in A.O.D. charge."

Page 29. Table 9—

Against "Cutters, wire" *insert* "*g*."

Add footnote—

"*g* Units in possession of Mark II cutters will retain spare springs and cutters."

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Page 30. Table 9—

Against "Nails, horse shoe" *insert* "*i*."

Against "Shoes, horse" *for* "3 *h*" *substitute* "9 *h*."

Under "Shoes, horse" *insert*—

"Valise, horse shoe ... ... | 1 | ... | "

Under "Cases" *insert*—

"Director *j* ... ... | 1 | 1 | "

In footnote "*a*" *for* "detail" *substitute*—

"| 1 | 3 | 1 | 1 | 2 | 2 | 1 "

In footnote "*h*" in front of "carried" *add* "3 sets," *for* "bag attached to front" *substitute* "valise in locker," *for* "120" *substitute* "180," and *add* at end of footnote "the remainder in wagon."

Add footnote—

"*i* 60 nails will be stored for every set of shoes."

Page 30. Table 9—

Against "Cases," "Plotters," "Stands," and "Telescope" *insert* letter "*j*," *dele* "Mark II* or III."

Add footnote—

"*j* Indirect laying stores."

Against "Lashings," &c.—

32 feet, *for* "2" *substitute* "1."

16 „ *dele* "„" under "spare."

Page 31—

Against "Pullthroughs" *dele* "double" and detail.

Page 33. Table 12—

Against "Bags, kit, R.A." *insert* "*f*."

Against "Belts, waist, brown" *dele* "pistol, cavalry," and *insert* "(bandolier, equipment 1903)," *dele* "war only."

Dele "Belts, waist, buff," and detail.

Add footnote—

"*f* *See* footnote '*f*,' page 26."

Page 34. Table 13—

Dele from "Billets" to "Short parts," and detail.

Page 35. Table 15—

Against "Pole, draught, R.A." *insert* "breast or neck collar *e*."

Add footnote—

"*e* Harness, breast collar only for those units specially instructed to convert their neck collar harness to N.P. (§ 12134, L. of C.)."

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Page 37. Table 16—

Dele "Straps," &c., and detail.

Page 38. Table 17—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe, case *a*...	...	1 per battery for sword frog."	

Page 40. Table 19—

Against "Carriages, field," &c. *insert* "I**" and "II**."

Against "blocks, brake," &c. *dele* "(Mark II)," *for* detail *substitute*—

"	...	...	...	20	...	...		6*f*	6*f*	"

Against "keys, capsquare" *dele* "Nos. 16 and 17" and detail.

Against "No. 22" *for* "*g*" *substitute* "*c*."

Page 41—

Against "nuts, actuating," &c., *for* "*j*" *substitute* "*d*."

Against "Handspike, traversing, No. 2," *after* "Mark II" *for* "*c*" *substitute* "*j*."

Before "Mark III" *insert* "with stud."

For footnotes "*a*, *b*, *c*, *j*, *m*," and "*p*" *substitute*—

"*a* For Marks II* and II** carriages."
"*b* For Marks I* and I** carriages."
"*c* For Marks III to IV carriages."
"*j* For Marks III and III* carriages."
"*n* For Marks I* to II** carriages"
"*p* For Marks I* to II** and III carriages."

Page 42. Table 19—

For detail against "Pins, pole," &c. *substitute*—

"	...	1*c*	...	3*c*	...	1*c*	...	1	1	"

Page 45. Table 24—

Insert—

"Appliances for erecting blankets, S.S. sets	...	...	...	87*c*	...	...	...	...	...	...	...	"

Add footnote—

"*c* Only when specially ordered. In A.O.D. charge."

Page 46. Table 24—

Dele note against "Sheets, ground" and *insert*—

"	...	...	...	174*b*	...	...	...	...	...	...	"

Against "Tents" *for* "20" *substitute* "17."

Page 47. Table 24—

Against "Blankets, G.S." *dele* note in last column.

Insert –

"Blankets, S.S.	...	...	...	174*b*	...	...	...	...	...	...	"

At end of footnote "*b*" *add* "in A.O.D. charge."

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Pages 49, 50. Table 26—

Against "Chisels, ripping," "Drivers, screw, G.S., 9-inch," and "Hammers, riveting, 24-oz" *insert* figure "1" in fourth column.

Page 50. Table 26—

Against "Cutters, wire" *insert* "*t*."

Page 51. Table 26—

After "Mineral jelly" *insert* "red."

Footnote "*h*," *after* "Mark II*" *insert* "and II**."

Add footnotes—

"*t* *See* footnote '*g*' page 29."

Page 51. Table 26—

Against "Nails, horse shoe" *insert* "*a*."

Under "Shoes, horse" *insert*—

"Valises, horse shoe...	...	...	1	1	13	...	1	...	6	6 |"

At end of footnote "*a*" *insert* "60 nails will be stored for every set of shoes."

In footnote "*s*" *for* "bags" *substitute* "valises," and *for* "120" *substitute* "180."

Page 52. Table 26—

For "Boxes, empty," &c., *substitute*—

"Boxes, empty	Cartridge, blank, B.L. 15-pr. *c*	
	mobilization stores	No. 1 *h l*
		,, 7 (spare parts) *l*
		,, 6 (saddler's tools)"

Page 53. Table 26—

Against "Posts, aiming," and "Gun arcs," *insert* letter "*n*."

Footnote "*g*," *after* "Mark II*" *insert* "or II**."

Add footnote—

"*n* Indirect laying stores."

Pages 54 and 55. Table 26—

Against "Vents, T, radial, Marks," *dele* "I."

For designation against "Pins, keep, split," *substitute*—

"$\left|\begin{array}{l} 2\text{ in.} \times \frac{3}{16}\text{-in.} \\ \frac{3}{4}\text{-in.} \times \frac{5}{64}\text{-in.} \\ \frac{1}{2}\text{-in.} \times \frac{3}{16}\text{-in.} \end{array}\right|$."

Footnote "*f*," *for* "Mark I*," &c., *substitute* "Marks I*, I**, III, or III* carriages."

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Page 57. Footnotes—

"*b*," *for* "Marks I* and II*" *read* "Marks I* to II**."

"*d*" *and* "*j*," *for* "Marks I* or III" *read* "Marks I*, I**, III, or III*."

"*e*," "*h*," "*j*" *and* "*k*," *after* "Mark II*" *insert* "or II**."

Page 58. Table 26—

For detail against "Sights, telescopic," *substitute*—

"Mark III, &c.	...	1	...	...	7*j*	1	...	...	7*j*	7*j*	"
Mark IV, &c.	...	1	...	1	7						

Against "Cap, sponge, No. 4," *dele* detail under heading "War."

Page 58. Table 26—

Under "Woolwich Section No. 17" *insert*—

"Cases, telescopic sights	...	1	...	1	7	1	1	...	7*j*	7*j*	"

Page 59. Table 26—

For "Rammers," &c., *substitute*—

"Rammers, B.L. or Q.F. 15-pr., and B.L. 12-pr."

Under "Woolwich Section No. 22" *insert*—

"Setters, fuze (for No. 60 fuzes)	...	1	...	...	6	1	...	...	6	6	"

Page 59—

For "Keys, cases, powder," *substitute* "Cases, powder, M.L.—keys."

Dele "Woolwich Section, No. 21."

For "Puffs, powder," and detail, *substitute*—

"Pins, puffs, powder, 4 oz.	...	...	...	...	...	...	...	...	6	6	Annual allowance (See page 32)."
Puffs, powder, 4 oz.	...	...	...	...	...	...	...	...	50	50	

Footnote "*a*," *for* "I* or II*" *read* "I* to II**."

Add footnote—

"*j* 1 carried as convenient."

Page 61. Footnotes—

"*a*," *for* "I* or II*" *read* "I* to II**."

"*g*," *after* "II*" *insert* "or II**."

Against "Stamps" *dele* "wood $\frac{3}{16}$-in." and detail.

Pages 62, 63. Table 26—

Against "Flags," "Directors," "Plotters," "Stands," and "Telescopes," *insert* letter "*f*." *Dele* "Marks II* or III."

Add footnote—

"*f* Indirect laying stores."

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Page 63—

For detail against "Tubes, friction, T, drill," *substitute*—

"	...	1	...	7*g*	...	1	...	7*g*	7*g*	"	54 / Art. / 2142

Add footnote—

"*g* 1 carried as convenient."

Page 66. Table 27—

Dele "Iron, pieces," and detail.

Page 67. Footnotes—

"*g*," *after* "I*" *insert* "and I**."

"*h*," *after* "II*" *insert* "and II**."

Page 68. Table 27—

After "Staples," &c., *insert*—

"Steel pieces	bolt, 2 ft. 8 in. ×	1 in.	...	1	In box with forge tools.
		$\frac{5}{8}$,,	1	1	
		$\frac{1}{4}$,,	1	1	
	flat, 2 ft. 8 in. ×	3 in. × $\frac{1}{4}$ in.	1	1	
		2 ,, × $\frac{1}{2}$,,	...	1	
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...	1	
		6 ,,	...	1	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in., curved		...	1	"

Page 68. Table 27—

Under "Woolwich Section No. 13" *insert*—

"Washers, packing, 1·5-in. diameter	No. 25 S.W.G. elevating gear	...	6	"
	,, 21 ,, ,,	...		

Page 69—

Footnote "*j*"—*After* "II*" *insert* "and II**."

Page 70—

Insert—

"Spokes, No. 35 and 35 A, wheels (*a*)...	back	3	3	In box with wheelers' tools."
	front	3	3	

Page 73—

Against "Pullthroughs" *dele* "double" and detail.

Page 74. Table 31—

Insert—

"Belts, waist, brown (bandolier, equipment 1903) | 2 per column for mekometer."

Against "Bags, kit, R.A." *insert* "*d*."

Add footnote—

"*d* *See* footnote '*f*,' page 26."

Page 76. Table 34—

Against "Pole, draught, R.A." *insert* "breast or neck collar *e*."

Add footnote—

"*e* *See* footnote '*e*,' page 35."

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Page 78. Table 35—

Dele "Straps," &c., and detail.

Page 81. Table 37—

Against "Carriages, Marks I*," &c., *insert* "I**" and "II**."

Page 82. Table 37—

Against "Keys, capsquare," *dele* "Nos. "16" and "17," and detail.

Against "No. 22," *for* "*b*" *substitute* "*l*."

Page 82. Table 37—

Against "blocks, brake" *dele* "(Mark II)."

For detail *substitute*—

"| ... | ... | ... | ... | 58 |"

Page 83. Table 37—

Against "Hoops, bale wagon, forge, R.A." *insert* "sets."

Page 83—

Against "Handspikes, traversing, No. 2," *before* "Mark III," *insert* "with stud."

Against "Spanners, No. 176," *dele* letter "*j*" against figure "1" in detail.

Footnotes—

"*a*" *After* "II*" *insert* "or II**."

"*c*" *After* "I*" *insert* "or I**."

"*h*" and "*i*" *For* "I*, II*," *substitute* "I* to II**."

Add footnote—

"*l* Marks III to IV carriages."

Page 85. Table 38—

Insert—

"Appliances for erecting blankets, S.S. sets | ... | ... | ... | ... | 91*c* |"

Add footnote—

"*c* *See* footnote '*b*' page 47."

Page 86. Table 38—

Dele note against "Sheets, ground" and *insert*—

"| ... | ... | ... | ... | 182*a* |"

Against "Tents" *for* "20" *substitute* "17."

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Page 87. Table 38—

Against "Blankets, G.S." *dele* note in last column.

Insert—

"Blankets, S.S.	...	...	...	...	182*a* ",

At end of footnote "*a*" *add* "in A.O.D. charge."

Page 89. Table 40—

Against "Cutters, wire" *insert* "*d*."

Add footnote—

"*d* See footnote '*g*,' page 29."

Page 91. Table 40—

Against "Nails, horse shoe" *insert* "*a*."

Under "Shoes, horse" *insert*—

"Valises, horse shoe	...	...	...	1	1*g*	...	32

At end of footnote "*a*" *insert* "60 nails will be stored for every set of shoes."

In footnote "*f*" *for* "bags" *substitute* "valises," and *for* "120" *substitute* "180."

Page 91—

Against "Jacks, lifting, G.S.," *for* detail, *substitute*—

"	...	...	1	...	3

After "Mineral jelly," *insert* "red."

Add footnote—

"*g* Also wagon A. and S., R.A."

Page 92. Table 40—

Against "Boxes, empty," in front of "for saddlers tools," *insert* "Mobilization Stores, No. 6," and in front of "for spare parts" *insert* "Mobilization Stores, No. 6."

Pages 92, 93. Table 40—

Against "Posts, aiming," and "Gun arcs," *insert* letter "*l*."

For detail against "Posts, aiming," *substitute*—

"	1	...	1	...	3
	1	...	1	...	3
	...	...	1	...	3 ",

Add footnote—

"*l* Indirect laying stores."

Page 93. Table 40—

Against "pins, keep, bolt, elevating," in last column, *for* "75" *substitute* "36."

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Page 93—

Against "Vents, T, radial, Marks," *dele* "I."
Footnote "*d*," *after* "II*" *insert* "and II**."

Page 94. Table 40—

For designation against "Pins, keep, split," *substitute*—

" { 2 in. × $\frac{3}{11}$ in. | $\frac{3}{4}$,, × $\frac{5}{64}$,, | $\frac{1}{2}$,, × $\frac{1}{10}$,, | "

Page 94. Table 40—

Against "pins, keep, elevating bolt," in last column, *for* "75" *substitute* "36."

Page 95—

For detail against "Clamps" and "Sights, fore," *substitute*—

" | ... | 1 | ... | ... | 9 | "

Footnotes—

"*b*" *For* "I* and II*," *read* "I* to II**."
"*d*" *For* Mark I* or III carriages," *substitute* "Mark I*, I**, or III carriages."
"*e*" and "*h*" *Before* "carriages," *insert* "and II**."

Page 96. Table 40—

For detail against "Sights" *substitute*—

" | ... | 1 | ... | ... | 9 |
| ... | 1 | ... | ... | 9 |
| ... | ... | 1 | ... | 1 | "

Page 96. Table 40—

Under "Woolwich Section No. 17" *insert*—

"Cases, telescopic sight ... ... | ... | ... | 1 | ... | 1 | "

Page 97—

For detail against "Lashings, tarred, 1½ in. 32 ft.," *substitute*—

" | ... | ... | 1 | ... | 23 | "

For "Keys, cases, powder," *read* "Cases, powder, M.L.—Keys."
For detail against "Lanyards," &c., *substitute*—

" | 3 | 1 | ... | ... | 27 | "

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Footnotes—

"*a*," *for* "Mark I* or III carriages" *read* "Marks I*, I**, or III carriages."

"*a*" and "*b*," *after* "Mark II*" *insert* "or II**."

"*c*," *for* "I* or II*" *read* "I* to II**."

Page 98. Table 40—

Against "Cases, metal lined field" *for* "50" *substitute* "27."

Against "Covers, cartridge" in last column *for* "2276" *substitute* "980."

Page 99—

Footnote "*a*," *for* "I* or II*" *read* "I* to II**."

Against "Stamps" *dele* "wood $\frac{3}{16}$ in." and detail.

For "wood, $\frac{1}{4}$ in." *substitute* "metal $\frac{1}{4}$ in."

Page 100. Table 40—

Against "Cases," "Directors," "Plotters," "Stand," and "Telescopes," *insert* letter "*d*." *Dele* "Mark II* or III."

Add footnote—

"*d* Indirect laying stores."

Page 101. Table 41—

Footnotes—

"*c*," *after* "II*" *insert* "and II**."

"*d*" *after* "I*" *insert* "I**."

Page 102—

Dele "Iron, pieces," and detail.

Footnotes—

"*c*" and "*e*," *after* "II*" *insert* "or II**."

"*g*," *for* "or II*" *read* "to II**."

Page 103—

Dele "Steel, pieces," and detail, *substitute*—

"Steel, pieces	bolt, 2 ft. 8 in. ×	1 in.	...	2	1 in. box with forge tools.
		$\frac{5}{8}$ in.	...	2	
		$\frac{1}{4}$ in.	...	2	
	flat, 2 ft. 8 in. ×	3 in. × $\frac{1}{4}$ in	...	2	
		2 in. × $\frac{1}{2}$ in.	...	2	
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...	2	
		6 in.	...	2	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in., curved		...	2	"

Footnote "*c*," *after* "II*" *insert* "or II**."

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Page 104—

Footnote "*a*," *for* "and II*" *read* "to II**."

Page 105—

Insert—

"Spokes Nos. 35 and 35 A wheels (*a*) { back | 3 | front | 3 | } In box with wheelers' tools."

Page 111—

Spade attachment—

After "Blade," &c., *insert*—

"Cap, rear-spring case ; G.M. | 1 | 1 | 1 | 1 | 1 |"

Page 113—

Against "Stays, supporting brake shaft { left, &c. right."

Insert figure "1" } In column "Marks III and III*."
Dele figure "2" }

Page 114—

Dele "Cap, spring case," and detail.

After "Ties, linch pin," &c., *insert* "Accessories"—

"Box, telescopic sight ... | ... | ... | ... | 1 |"

Page 122 and 125—

Under "Leather fittings" *insert*—

"Straps, pole (for No. 17, Mark II, draught pole) ... | 2"

Page 125—

Straps, securing—

dele "$\frac{3}{4}$ in. × 6 in. } and detail.
1 „ × 48 „ "

Boxes, *dele* "telescopic sight," and detail.

Page 136—

For "Poles, draught, No. 2," *read* "Poles, draught, wagon, artillery."

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EQUIPMENT REGULATIONS.

WAR DEPARTMENT
OFFICE CHIEF OF STAFF
No. 2511-M-2
JUN 17 1905
MILITARY
INFORMATION DIVISION.

PART 2. SECTION XI (d).

1904.

AMENDMENTS.

Page 6. *Dele* para. 7 and *substitute*—

Storage of ammunition. 8/Equip./8

"7. The following instructions are to be observed with regard to the storage of ammunition in charge of the unit:—

"(*a*) Ammunition should, as a general rule, be stored in the vehicles in which it will be carried, except that, in cases where the vehicles are necessarily kept in dangerous proximity to inhabited houses or other possible causes of fire, suitable arrangements will, as far as possible, be made locally for the storage of all cartridges and lyddite shells.

"(*b*) When not stored in the vehicles, the cartridges will be kept in properly lutened and dated M.L. cases, the tubes, fuzes, and shells grouped according to age and date.

"(*c*) Ammunition in mobilization equipment should never be taken out of store except to replenish peace equipment or on mobilization. On no account should ammunition which has been in charge of the troops be returned to mobilization equipment in charge of the unit. This does not apply to the annual week's practice to be carried out under para. 142F, Part 1, Equipment Regulations, 1902."

Page 10—

Dele "Caps, knee," "Rest, tripod," "Bags, sand" and detail.

Page 15—

Under "Keys" *insert*—

"Lamps, reading *b*	2"

Add footnote—

"*b* Peace only. For instructional purposes."

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Page 20. Sets of Tools—

Against "Clams" and "Palms," *for* "collarmakers," *read* "saddlers."

Page 21—

For "Rules, collarmakers', four-fold," *read* "Rules, G.S., four-fold."

Page 22—

Dele "Spokes," and detail.

Page 23—

Dele "Steel pieces," and detail.

Page 24. Table 2—

Against "Bags, kit, R.A." *insert* "*f*."

Against "Belts" *dele* "O.R." and detail.

Add footnote—

"*f* Will be replaced by 'Bags, spare field kit' when existing stock is exhausted."

Page 25. Table 4—

Against "Pole, draught, R.A." *insert* "breast or neck collar *c*."

Add footnote—

"*c* Harness, breast collar only for those units specially instructed to convert their neck collar harness to N.P. (§ 12134, L. of C.)."

Page 26. Table 6—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe-case	1	1	For sword frog."	

Page 27. Table 8—

Under "Woolwich Section No. 2" *insert*—

"Appliances for erecting blankets, S.S. sets ...	6*d*	...	"

Against "Sheets, ground" *for* "15" *substitute* "12*d*"

For "Blankets G.S." and detail *substitute*—

"Blankets, S.S.	12*d*	...	"

At end of footnote "*d*" *add* "in A.O.D. charge."

Dele note against "Sheets" and "Blankets."

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Page 28. Table 9—

Against "Cutters, wire" *insert* "*h*."

Against "Nails, horse-shoe" *insert* "*i*."

Against "Shoes, horse" *for* "3 *g*" *substitute* "9 *g*."

Under "Shoes, horse" *insert*—

"Valise, horse-shoe... ... | 1 | ..."

For detail in footnote "*a*" *substitute*—

" | 1 | 3 | 1 | 1 | 2 | 2 | 1 "

In footnote "*g*" in front of "carried" *insert* "3 sets," *for* "bag attached to front" *substitute* "valise in locker," *for* "120" *substitute* "180," and *add* at end of footnote "the remainder in wagon."

Add footnotes—

"*h* Units in possession of Mark II cutters will retain spare springs and cutters."

"*i* 60 nails will be stored for every set of shoes."

Page 28—

Against "Lashings," &c.

{ 32 feet—*for* "2" *substitute* "1."
{ 16 „ —*dele* "„" under "spare."

Page 29. Table 9—

Against "Cases," "Plotters," "Stands," and "Telescopes," *insert* letter "*b*." *Dele* "Marks II* or III."

Add footnote—

"*b* Indirect laying stores."

Page 29. Table 9—

Under "Cases" *insert*—

"Director *b* ... ... | 1 | 1 |"

Page 29. Table 10—

Against "Pullthroughs" *dele* "double" and detail.

Page 31. Table 12—

Dele "Belts, waist, buff," &c.

Dele "Belts, waist, brown, pistol," &c.

Against "Bags, kit, R.A." *insert* "*f*."

Add footnote—

"*f* See footnote '*f*,' page 24."

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Page 32. Table 13—

Dele from "Billets" to "short parts' and deta

Page 33. Table 15—

Against "Pole, draught, R.A.' *insert* "breast or neck collar *e*."

Add footnote—

e "*See* footnote '*c*,' page 25."

Page 35. Table 16—

Dele "Straps," &c., and detail.

Page 36. Table 17—

Under "Woolwich Section No. 6" *insert*—

"Straps, shoe case ... ... | 1 per battery for sword frog."

Page 38. Table 19—

Against "Blocks, brake, &c., *dele* "(Mark II).

For detail *substitute*—

" | ... | ... | ... | 20 | ... | ... | ... | 6*e* |

Page 44. Table 24—

Insert—

"Appliances for erecting blankets, S.S. sets | ... | ... | ... | 87*f* | ... | ... | ... | ... | ... | "

Page 45. Table 24—

Dele note *against* "Sheets, ground" and *insert*—

" | ... | ... | ... | 174*f* | ... | ... | ... | ... | ... | "

Add at end of footnote "*f*" in A.O.D. charge."

Against "Tents" *for* "20" *substitute* "17."

Page 46. Table 24—

Against "Blankets, "G.S." *dele* note in last column.

Insert—

"Blankets, S.S. ... ... | ... | ... | .. | 174*c* | ... | ... | ... | ... | ... | "

Add footnote—

"*c* Only issued when specially ordered. In A.O.D. charge."

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Page 48. Table 26—

For Table "27" *substitute* "26."

Against "Cutters, wire" *insert* "*m*."

For "Brushes Sable writing desk large"

Read "Brushes Sable writing duck large."

Pages 48, 49. Table 26—

Against "Chisels, ripping," "Drivers, screw, G.S., 9-inch," and "Hammers, riveting, 24-oz.," *insert* figure "1" in fourth column of detail.

Page 49. Table 26—

Against "Nails, horse-shoe" *insert* "*n*."

Add footnotes—

"*m* *See* footnote '*h*,' page 28."

"*n* 60 nails will be stored for every set of shoes."

Page 50. Table 26—

Under "Woolwich Section No. 10" *insert*—

"Valises, horse-shoe	...	...	...	1	1	13	...	1	...	6	6	"

Page 51. Table 26—

For "Boxes, empty," &c., *substitute*—

"Boxes empty, mobilization stores { No. 1, *k*, *j*. / No. 8 (spare parts, &c.) *j*. / No. 6 (saddler's tools). }

In footnote "*l*" *for* "bags" *substitute* "valises," and *for* "120" *substitute* "180."

Pages 52, 53. Table 26—

Against "Posts, aiming," and "Gun, arcs," *insert* letter "*f*."

Add footnote—

"*f* Indirect laying stores."

Page 55. Table 26—

For detail against "Lashings, tarred, 1 in. × 10 ft.," *substitute*—

"	...	3*c*	..	19	...	3*c*	...	3	3	"

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For detail against "Lines, Hambro," and "Marline, white," *substitute*—

"	...	1	2	15	...	...	...	6*d*	6*d*	
	...	1	2	15	...	...	...	6*d*	6*d*	"

For "Keys, cases, powder," *read* "Cases, powder, M.L., Keys."

Page 56. Table 26—

Woolwich Section—

For "No. 21," *read* "No. 20 continued."

For "Puffs, powder," and detail, *substitute*—

" Pins, puff, powder, 4 oz.	...	...	...	...	...	...	...	6	6	Annual allowance (*see* page 30)."
Puffs, powder, 4 oz. ...	...	...	...	...	...	...	...	50	50	

Page 57. Table 26—

Against "covers cartridge" *dele* "canvas" and "dowlas," and *insert* after "cartridge" "dowlas" or silk cloth "*e*."

Add footnote—

"*e* Dowlas for Marks I to III and silk cloth for Mark IV cartridges."

Page 59—

Against "Stamps," *dele* "wood, $\frac{3}{16}$ in.," and detail.

Pages 60, 61. Table 26—

Against "Flags," "Cases, telescope, and stand," "Directors," "Plotters," "Stands" and "Telescopes," *insert* letter "*c*." *Dele* "Mark II* or III."

Add footnote—

"*c* Indirect laying stores."

Page 61. Table 26—

For detail against "Cases, large, clinometer" *substitute*—

" | 1 | ... | ... | ... | 1 | ... | ... | 6 | 6 | "

For detail against "Clinometers, large" *substitute*—

" | 1 | ... | ... | ... | 1 | ... | ... | 6 | 6 | "

For detail against "Cases, stand, telescope," &c., *substitute*—

" | ... | ... | ... | 2 | ... | ... | ... | 2 | 2 | "

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Page 62—

For detail against "Tubes, friction, T, drill," *substitute*—

"	...	1	...	7*b*	...	1	...	7*b*	*b*	"

Add footnote—

"*b* 1 carried as convenient."

Page 63. Table 27—

Under "Woolwich Section No. 10" *insert*—

"Asbestos, packing, round, ¼-in. dia.	...	yds.	...	6	"

Page 65. Table 27—

Against "Washers, packing" *insert*—

"2·8-in. dia.	No. 25, S.W.G. elevating gear	...	...	6		
	No. 21 ,, ,,	...	...	6		"

Page 65. Table 27—

Dele "Iron, pieces," and detail.

After "Staples," &c., *insert*—

"Steel, pieces	bolt, 2 ft. 8 n. ×	1 in.	...	...	...	1	In box with forge tools.
		⅝ in.	...	...	1	1	
		¼ in.	...	...	1	1	
	flat, 2 ft. 8 in. ×	3 in. × ¼ in.	...		1	1	
		2 in. × ½ in.	...	...		1	
	plate, 1 ft. 2 in. × ¾ in. ×	8½ in.	...	...		1	
		6 in.	...	...		1	
	tire, 12 in. × 3 in. × ½ in. curved		...	...		1	"

Page 66—

Dele "Keys, split, round loop" and detail and *substitute*—

54 / Art. / 2179	"Pins, keep, split *c*	¼ in. ×	5 in.	...	...	4	4
			3½ in.	...	...	4	4
		3/10 in. × 2 in.		...	...	8	8
		⅜ in. × 1¾ in.		...	...	8	8
		1/16 in. × 1 in.		...	...	12	12	"

Against "Felloes" *dele* "41"

Insert—

"Spokes, No. 35 or 42, wheels *b*	back	3	3	In box with wheelers' tools."
	front	3	3	

Page 69. Table 30—

Against "Pullthroughs" *dele* "double" and detail.

Page 69. Table 31—

Against "Bags, kit, R.A." *insert* "*d*."

Add footnote—

"*d* See footnote '*f*,' page 24."

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Page 70. Table 34—

Against "Pole, draught, R.A." *insert* "breast or neck collar *d*."

Add footnote—

"*d See* footnote '*c*,' page 25."

Page 71. Table 35—

Under "Woolwich Section No. 6" *dele* "Straps, shoe case," &c., and detail.

Page 73. Table 37—

Against "Blocks, brake," &c., *dele* "(Mark II)."

For detail *substitute*—

" | ... | ... | ... | 60 | "

Page 76. Table 38—

Insert—

" Appliances for erecting blankets S.S. sets | ... | ... | ... | 89*d* | "

Page 77. Table 38—

Dele note *against* "sheets, ground" and *insert*—

" | ... | ... | ... | 178*d* | "

At end of footnote "*d*" *add* "in A.O.D. charge."

Page 78. Table 38—

Dele note in last column *against* "Blankets, G.S."

Insert—

" Blankets, S.S. ... ... | ... | ... | ... | 178*c* | "

Add footnote—

"*c* Only when specially ordered. In A.O.D. charge."

Page 80. Table 40—

Against "Cases, saw, hand" *for* "6" in last column *substitute* "9."

Against "Cutters, wire" *insert* "*h*."

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Page 81. Table 40—

Against "Nails, horse-shoe" *insert* "*d*."

Under "Shoes, horse" *insert*—

"Valises, horse-shoe	...	...	...	1	1*f*	33

At end of footnote "*d*" *add* "60 nails will be stored for every set of shoes."

In footnote "*g*" *for* "bags" *substitute* "valises," and *for* "120" *substitute* "180."

Add footnote—

"*h* *See* footnote '*h*,' page 28."

Page 81—

For detail against "Jacks, lifting, G.S.," *substitute*—

"	...	...	1	3

Page 83. Table 40—

Against "Posts, aiming," *insert* letter "*j*."

For detail *substitute*—

"	1	...	1	3
	1	...	1	3
	...	...	1	3

"

Add footnote—

"*j* Indirect laying stores."

Page 83. Table 40—

Against "Boxes" *insert* "6" in front of "saddler's tools" an "spare parts."

Dele "vents, pads, and discs," &c., and detail.

Page 84. Table 40—

Against "Gun arcs" *insert* letter "*d*."

Page 85—

Against "Lashings, tarred," *dele* "20 ft." and detail.

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For details against "1 in. 10 ft." and "$1\frac{1}{2}$ in. 32 ft." *substitute*—

1	1	1	34
...	...	1	24

Add footnote—

"*d* Indirect laying stores."

Page 86—

For "Keys, cases, powder," *read* "Cases, powder, M.L.—Keys."

Page 87. Table 40—

Against "Cases metal lined," &c., for "28" *substitute* "18."
Against "Covers, cartridge," *dele* "canvas and dowlas" and *insert* after cartridge "dowlas" or "silk cloth, *f*"
For detail in last column, *substitute*—

828	
828	

Add footnote—

"*f* *See* footnote "*c*," page 57.

Page 89. Table 40—

Against "Cases," "Directors," "Plotters," "Stands," and "Telescopes," *insert* letter "*d*." *Dele* "Marks II* or III."

Add footnote—

"*d* Indirect laying stores."

Against "Stamps" *dele* "wood $\frac{3}{16}$ in." and detail.

For "Wood $\frac{1}{4}$ in." *substitute* "metal $\frac{1}{4}$ in."

Page 91. Table 41—

Dele "Iron, pieces," and detail.

Against "Steel, pieces," *insert*—

bolt, 2 ft. 8 in. ×	1 in.	...	...	2	1 in. box with forge tools.
	$\frac{5}{8}$ in.	...	...	2	
	$\frac{1}{4}$ in.	...	...	2	
flat, 2 ft. 8 in. ×	3 in. × $\frac{1}{4}$ in.		...	2	
	2 in. × $\frac{1}{2}$ in.		...	2	
plate, 1 ft. 2 in. × $\frac{1}{4}$ in. ×	$8\frac{1}{2}$ in.	...		2	
	6 in.	...		2	

Page 92—

Dele "Keys, split, round" and detail and *substitute*—

54 / Art. / 2179	"Pins, keep, split *b*	$\frac{1}{4}$ in. ×	5 in. ...	...	8
			$3\frac{1}{2}$ in. ...	...	8
		$\frac{3}{16}$ in. ×	2 in. ...	...	8
		$\frac{1}{8}$ in. ×	$1\frac{3}{4}$ in. ...	...	12
		$\frac{1}{10}$ in. ×	1 in. ...	...	24

Against "Felloes" *dele* "41."

Insert—

"Spokes, No. 35 or 42, wheel (*a*)	back	3	In box with wheelers' tools."
	front	3	

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Page 99—

Under "Leather fittings" *insert*—

"Straps, pole (for No. 17, Mark II, draught pole)	...	2"

Against "Cases, can, lubricating, No. 3" and "Straps, securing, 26 in. × 1 in. (oil-can case)" *insert* "*a*."

Page 110—

For "Wagon, store, ammunition," &c., *substitute* "Wagon, General Service, Mark IX—continued."

Page 112—

For "Poles, draught, No. 2," *read* "Poles, draught, wagon artillery."

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PART 2. SECTION XI (e).

1904.

AMENDMENTS.

Page 18. Table 2—

Dele "Belts" and detail. *Against* "Pullthroughs" *dele* "double" and detail.

Page 19. Table 2—

Insert—

"Whistles, Artillery... | 6 per depôt.'

Page 20. Table 2a—

Against "Stamps" *dele* "wood $\frac{3}{16}$ in." and detail.

Dele "Table 3."

Page 21. Table 5—

For detail *against* "Saddlery, officers'" *substitute*—

"| 7 | 7 | 7 | 8 |"

Against "Pole, draught, R.A." *insert* "breast or neck collar *c*."

Add footnote—

"*c* Harness, breast collar, only for those units specially instructed to convert their neck collar harness to N.P. (§ 12134, L. of C.)."

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Page 22. Table 6—

Dele " Straps, pole," &c., and " Straps, shoe case," &c., and detail.

Page 23. Table 7—

Under " Woolwich Section No. 6 " *insert*—

" Straps, shoe case | 1 per depôt for sword frog."

Page 28. Table 15—

Against " Cutters, wire " *insert* letter " *i*."

After " Shoes, horse," &c., *insert*—

" Valise, horse shoe *j* | ... | ... | ... "

Add footnotes—

" *i* Depôts in possession of Mark II cutters, will retain spare springs and cutters."
" *j* 1 per wagon, A. and S., R.A."

Page 29—

Against " Posts, aiming " *insert* letter " *h*."

Add footnote—

" *h* Indirect laying stores."

Page 31. Table 15—

Under " Woolwich Section No. 17 " *insert*—

" Cases, telescopic sight... | 1 | 2 | ... "

Against " bracket, telescopic sight," in last column, *insert* " 1."

Page 32. Table 15—

Under " Woolwich Section No. 17 " *insert*—

" Cases, telescopic sight ... | 1 | ... | 2 "

For " Rammers," &c., *substitute*—

" Rammers, B.L. or Q.F. 15-pr. and B.L. 12-pr. *c*."

Page 33. Table 15—

Against " Lithographs," &c., *insert* letter " *c*."

Add footnote—

" *c* Issue discontinued."

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Page 33—

Against "Stamps," *dele* "wood, $\frac{3}{16}$ in." and detail.

Page 36. Table 16—

Dele "Iron, pieces," and detail.

Page 37—

After "Staples," &c., *insert*—

"Steel, pieces	bolt, 2 ft. 8 in. × 1 in.	1	...
	bolt, 2 ft. 8 in. × $\frac{5}{8}$,, ...	...	1
	flat, 2 ft. 8 in, × 2 in. × $\frac{1}{2}$ in.	1	1
	plate, 1 ft. 2 in. × $\frac{1}{4}$ in. × 6 in. ...	1	...
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in., curved ...	1	1 ”

Page 39. Table 19—

Against "Belts" *dele* "and staff-serjeant" and "O.R.," and *in front* of Warrant officer *insert* "One per."

Dele Table 20.

Page 40. Table 22—

Against "Saddlery, officers', sets," *for* "4" *substitute* "6."

Against "R.A., pole, draught" *insert* "breast or collar *b*."

Add footnote—

"*b See* footnote '*c*,' page 21."

Page 40. Table 23—

Insert "Woolwich Section No. 6"—

"Frogs, sword, saddle	...	1 per sword.
Straps, shoe case	...	1 per sword frog."

Page 43. Table 29—

Against "Belts" *dele* "cavalry pattern," &c., and "field artillery," &c.

Page 48. Spade attachment—

After "Blade," &c., *insert*—

"Cap, rear spring case; G.M. ...	1	1	1	1"

Page 50—

Against "Stays, supporting brake shaft { left. / right," &c.

Insert figure "1" } In column "Marks III and III*."
Dele figure "2" }

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Page 51—

Dele "Cap, spring case," and detail.

After "Ties, linch pin" *insert*—

"Accessories.

Box, telescopic sight... | ... | ... | ... | 1"

Page 54—

Under "Leatherwork" *insert*—

"Straps, pole (for No. 17, Mark II, draught pole) | 2"

Page 63—

For "Poles, draught, No. 2" *read* "Poles, draught, wagon, artillery."

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Musical instruments...	9

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Arms.

TABLE 1.	Proportion.
Weedon Section.	
Rifles, short, M.L.E.	1 per warrant officer and staff serjeant; 1 per member senior class and gentleman cadet.
Sword-bayonets, patt. '03	1 per rifle (except for warrant officers and staff serjeants), and 1 per trumpeter.
Scabbards, sword-bayonet, patt. '03 ...	
Pistols, Webley	18
Swords — staff serjeants...	1 per member senior class, warrant officer and staff serjeant.
Swords — ,, ,, patt. '97 ...	1 per under officer.
Scabbards, sword, staff serjeants ...	1 per member senior class, warrant officer and staff serjeant.
Bottles, oil	1 per rifle.
Pull-throughs	1 per rifle, and 5 per cent. spare.
Reflectors, mirror, S.A., ·303-inch ...	1 per 50 or less rifles.
Rods, cleaning, pistol, Webley	18
Not in Vocabulary.	
Scabbards, sword, staff serjeants, "Sam Browne"	1 per under officer.

Articles for Musketry Instruction.

TABLE 2.	Proportion.
Weedon Section.	
Actions, skeleton, pistol, Webley ...	2
Actions, skeleton, M.L.E. rifle, short ...	1 per company.
Aim correctors	7
Implements, action, M.L.E. rifle, short	1 per company.

A.O. 115 / 1909

Material for Browning, Cleaning, and Repair of Arms.

Material for the preservation and cleaning of arms, also components for their repair, may be drawn proportionately for the arms on charge, in accordance with the scales laid down in Equipment Regulations, Part 1.

A.O. 202 / 1909

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Ammunition.

TABLE 3.	Proportion.
Section No. 23.	
Cartridges, Q.F., blank, 18-pr. filled† ...	200 per annum, to be demanded in components.
Section No. 27.	
Cartridges, small arm — ball, ·303-inch cordite ...	§75 rounds per gentleman cadet per annum.
Cartridges, small arm — ball, pistol, Webley, cordite	50 rounds per gentleman cadet per annum.
Cartridges, small arm — blank, ·303-inch	100 rounds per gentleman cadet per annum.
Cartridges, small arm — dummy drill, ·303-inch rifles or carbines ...	10 per rifle.
Chargers, ·303-inch cartridges	6 ,,

† Or 13-pr. if that nature of gun is issued.
§ Also for company officers,

Accoutrements.

TABLE 4.	Proportion. Senior Class.	Gentlemen Cadets.	W. O. and Staff-Serjts.	Trumpeter.	Remarks.
Section No. 1A.					
Belts, shoulder, sword, "Sam Browne" ... ... pairs	—	—	—	—	1 per under officer.
Belts, waist, brown, sword, "Sam Browne"	—	—	—	—	1 per under officer.
Belts, waist — brown — cavalry, line, S.S.	1	—	—	—	*Until existing stock is used up.
Belts, waist — brown — warrant officers *	—	—	1	—	*Until existing stock is used up.
Belts, waist — buff, warrant officers, G.S.	—	—	1	—	*Until existing stock is used up.
Bottles, water, enamelled... ...	1	1	1	1	

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Accoutrements—*continued.*

TABLE 4—*continued.*	Proportion.				Remarks.
	Senior Class.	Gentlemen Cadets.	W.O. and Staff Serjts.	Trumpeter.	
Section No. 1A—continued.					
Carriers, water-bottle, with shoulder strap	1	1	1	1	For Marks V and VI water-bottles only.
Haversacks, G.S....	1	1	1	1	
Knots, sword, brown, G.S. ...	1	—	1	—	And 1 per sword for riding instruction.
Slings, rifle, web, G.S.	1	1	1	—	
Straps, water-bottle, dismounted services	1	1	1	1	For Mark IV water-bottles.
Tins, mess, dismounted services ...	1	1	1	1	
Bandolier equipment, patt.'03:—					
Bandoliers, 50 rounds	1	1	1	—	
Belts, waist...	1	1	1	1	
Carriages, sword { long...	—	—	1	—	When not supplied with Belt, waist, brown, W.O.
Carriages, sword { short	—	—	1	—	
Chapes, with loop	—	—	1	—	
Guards, sword	—	—	1	—	
Carriers, great-coat	1	1	1	—	
Covers, mess-tin, D.S.	1	1	1	1	
Pockets, cartridge, 15 rounds ...	4	4	2	—	
Straps, great-coat	2	2	—	—	
Valise equipment, patt. '88:—					
Straps, great-coat	—	—	1	1	

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Material for repair of Bandolier Equipment, Pattern 1903, etc.

TABLE 5.

	12 months' supply per 100.									
			Bandolier equipment, patt. '03.							
			Bandoliers, 50 rounds.					Pockets, cartridge, 15 rounds.		
			Mk.					Mk.		
	Carriers, water-bottle, with shoulder strap.	Haversacks, G.S.	I.	II.	Belts, waist.	Carriers, greatcoat.	Covers, mess-tin, D.S.	I.	II.	Straps, greatcoat.
Section No. 1A.										
Billets, brown $5\frac{1}{2}$ in. × $1\frac{1}{2}$ in.	...	...	...	1	...	...	...	...	...	...
Billets, brown $3\frac{1}{8}$,, × 1 ,,	...	...	...	...	...	...	...	...	2	...
Buckles, brass, bandolier, 50 rounds	...	...	4	...	...	...	...	...	...	...
Buckles, brass, ,, $1\frac{1}{2}$ in.	...	...	5	5	...	...	...	...	...	...
Buckles, brass, mess tin strap	4*a*	...	...	...	...	...	...	...	...	...
Buckles, brass, strap, greatcoat	...	...	...	...	...	...	...	...	...	3
Buckles, brass, ,, shoulder, water-bottle	4*b*	...	...	...	...	...	...	...	...	...
Buckles, brass, waistbelt	...	...	...	...	3	...	...	...	...	...
Buttons, horn, covers, mess-tin, D.S.	...	...	...	...	...	...	10	...	...	...
Canvas, drab, 24 in. yds.	...	3	...	...	...	...	$1\frac{1}{2}$	...	...	...
Clips, brass, carrier, greatcoat	...	...	...	...	...	8	...	...	...	...
Hooks, brass, carrier, greatcoat, long bar	...	...	...	...	...	8	...	...	...	...
Hooks, brass, carrier, greatcoat, short bar	...	...	...	...	...	4	...	...	...	...
Loops, brass, 1 in.	...	...	...	...	...	2	...	...	...	...
Loops, brass, $1\frac{1}{8}$,,	...	...	...	...	...	...	...	3	...	...
Loops, brass, $1\frac{3}{16}$,, × $\frac{3}{8}$ in.	...	...	...	...	...	...	...	...	3	...
Loops, brass, $\frac{13}{16}$,, × $\frac{3}{8}$,,	2*a*	...	...	...	...	...	...	...	...	...
Loops, brass, $\frac{5}{16}$,, × $\frac{3}{8}$,,	2*b*	...	...	...	...	...	...	...	...	...
Loops, haversack	...	2	...	...	...	...	...	...	...	...
Loops, leather, brown, $1\frac{1}{8}$ in. × $3\frac{7}{8}$ in.	...	...	...	...	...	...	4	...	...	...
Loops, leather, brown, ,, × $5\frac{1}{2}$,,	...	...	...	...	5	...	...	...	...	...
Loops, leather, brown, ,, × $4\frac{1}{2}$,,	...	...	5	5	...	...	...	...	...	...
Rings, brass, carrier, water-bottle	3	...	...	...	...	...	...	...	...	...
Rings, brass, covers, mess tin, D.S.	...	...	...	...	...	...	3	...	...	...
Rivets, copper, tinned, $\frac{3}{8}$ in. × 11 S.W.G.	10	...	5	6	...	...	...	5	6	...
Slides, brass, carrier, greatcoat, 2 in.	...	2	...	...	...	4	...	...	...	...
Slides, brass, carrier, greatcoat, 1 ,,	...	...	...	...	...	2	...	...	...	...
Straps, leather, brown— Guard, $\frac{3}{4}$ in. × $1\frac{3}{8}$ in. × 6 in.	...	...	10	6	...	...	...	...	...	...
Steadying, $\frac{3}{8}$ in × $14\frac{1}{4}$ in.	...	...	4	4	...	...	...	...	...	...
Studs, brass, bandoliers, 90 & 50 rounds	...	...	10	10	...	...	...	4	4	...
Studs, brass, haversack	...	8	...	...	...	...	...	...	...	...
Studs, brass, steadying strap, bandolier, 50 rounds	...	...	4	4	...	...	...	...	...	...
Thread, flax, drab, No. 35 ozs.	...	1	...	...	...	$\frac{1}{2}$	1	...	...	...
Triangles, brass	...	...	...	4	...	...	...	...	...	...
Web, cotton, drab, 2 in. yds.	...	7	...	...	...	20	...	...	...	...
Web, cotton, drab, 1 ,, ,,	...	...	...	...	...	2	$\frac{1}{2}$	...	...	...
Web, cotton, drab, 13 ,, × 2 in. pieces	6	...	...	...	...	...	...	...	...	...

a For converted carriers. *b* For Mark II carriers.

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Musical Instruments.

TABLE 6.	Proportion.
Section No. 1B.	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, royal ..	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

Miscellaneous Stores.

Stores required for instructional purposes will be supplied in accordance with a scale approved by the Army Council and notified to the commandant.

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Camp Equipment.

TABLE 7.	Proportion.
Section No. 2A.	
Tents, complete :—	
Circular { double linen ...	1 for use of commandant.
Circular { single ,, ...	1 per 4 cadets. Other ranks as allowed by Equipment Regulations, Part 1, for standing camps.
Marquee, hospital, small ...	1 for recreation room and 1 for officers' mess.
Ridge pole (or marquee, hospital, small)	1 for officers' mess.
Store	1 for officers' mess and 1 for serjeants' mess.

Other articles of camp equipment are allowed in the proportions laid down for standing camps in Equipment Regulations, Part 1., for infantry battalions.

A.O. 302
1907

Field Sketching Instruments.

TABLE 8.	Proportion.	Remarks.
Section No. 8D.		
Boards, sketching	6	For temporary issue to cadets at any time when their own instruments are under repair.
Clinometers, mirror	6	
Cases	6	
Compasses, prismatic	6	
Cases	6	

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SECTION VII.—ROYAL MILITARY AND STAFF COLLEGES.

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Arms.*

	TABLE 1.	Proportion.
	Weedon Section.	
57 Aldershot 7859	**Rifles,** short, M.L.E.	1 per gentleman cadet, warrant officer, staff-serjeant, and bandsman.
	Rifles, short, ·22-inch, R.F.	12.
	Sword-bayonets, patt. '03	1 per gentleman cadet and 1 per bandsman.
A.O. 302 1907	**Scabbards,** sword-bayonet, patt. '03 ...	1 per sword-bayonet.
	Pistols, Webley	8.
	Swords, staff-serjeants	1 per warrant officer, and staff-serjeant.
	Scabbards, sword, staff-serjeants ...	1 per sword.
	Bottles, oil	1 per rifle.
	Pull-throughs	1 per rifle, and 5 per cent. spare.
	Reflectors, mirror, S.A., ·303-inch ...	1 per 50 or less rifles.
	Rods, cleaning, pistol, Webley	8.
	Brushes, cleaning, tubes, aiming ...	12.
	Rods, cleaning, tubes, aiming	12.
	Not in Vocabulary.	
	Swords, officers	1 per cadet colour-serjeant.
	Scabbards, sword, officers	

* The entire establishment, of which these tables give the equipment, belongs to the Royal Military College, excepting one serjeant-major, who is on the Staff College establishment.

Articles for Musketry Instruction.

	TABLE 2.	Proportion.
	Weedon Section.	
57 Aldershot 7872	**Actions,** skeleton, M.L.E. rifle, short ...	1 per company.
	Aim Correctors	18.
	Implements, action, M.L.E. rifle, short	1 per company.
	Section No. 8D.	
57 Aldershot 7886	**Watches,** stop, $\frac{1}{5}$ seconds	6.

Material for Browning, Cleaning, and Repair of Arms.

(As for Royal Military Academy. *See* page 5.)

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Accoutrements.

TABLE 3.	Proportion.			
	Cadet Colour Serjeant.	Cadet.	W.O. and Staff Serjt.	Band.
Section No. 1A.				
Belts, shoulder, sword, "Sam Browne" ... ... pairs	1	—	—	—
Belts, waist, brown, sword, "Sam Browne"	1	—	—	—
Belts, waist { brown, warrant officers *a* ...	1	—	1	—
Belts, waist { buff, warrant officers, G.S. ...	—	—	1	—
Bottles, water, enamelled ...	1	1	1	1
Carriers, water-bottle, with shoulder-strap	1	1	1	1
Haversacks, G.S.	1	1	1	1
Knots, sword, brown, G.S. ...	1	—	1	—
Slings, rifle, web, G.S.	1	1	1	1
Bandolier equipment, pattern '03:—				
Belts, waist	1	1	1	1
Carriages, sword { long *b*	1	—	1	—
Carriages, sword { short *b*	1	—	1	—
Chapes, with loop *b* ...	1	—	1	—
Guards, sword *b*	1	—	1	—
Pockets, cartridge, 15 rounds	4	4	4	4

57 Aldershot 7859

a. Until existing stock is used up.

b. When not supplied with Belt, waist, brown, W.O.

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Material for repair of Bandolier Equipment, Pattern 1903.
As for Royal Military Academy. (*See* page 8).

Ammunition.

TABLE 4.	Proportion.
Section No. 27.	
Cartridges, aiming tube	25 per cadet. *a*
Cartridges, small arm :—	
Ball, ·303-inch, cordite	400 per cadet. *a* 5,000 per machine gun. *a*
Ball, pistol, Webley, cordite	50 per cadet. *a*
Blank, ·303-inch	100 per cadet. *a* 5,000 per machine gun. *a*
Dummy, drill, ·303-inch rifles or carbines	10 per rifle.
Chargers, ·303-inch cartridges	6 per rifle.

a Annually.

Musical Instruments.

TABLE 5.	Proportion.
Section No. 1B.	
Bugles	1 per bugler.
Strings, bugle and trumpet, royal ...	

Machine Guns.

TABLE 6.	Proportion.
Section No. 5B.	
Packsaddlery, machine gun, ·303-inch :—	
Ammunition ... ... sets	2
Gun and tripod ... ... ,,	2
Section No. 16B.	
Carriages, M.G. infantry, Maxim, ·303-inch, Mark III...	2*
Guns, Maxim, ·303-inch	4*
Mountings, tripod, ·303-inch Maxim Gun, Mark II ...	2*

* Complete with equipment, spare parts, &c., in accordance with Equipment Regulations, Part 2, Section I (Infantry).

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Signalling Equipment.

TABLE 7.	Proportion.	Remarks.
Section No. 8c.		
Flags, signal, army :—		
Blue { 3 ft. square	20	
Blue { 2 ft. ,, ...	60	
White, with stripe { 3 ft. square	20	
White, with stripe { 2 ft. ,, ...	60	
Poles { 5 ft. 6 inches	50	
Poles { 3 ft. 6 inches	150	
Heliographs, 5-inch	6	
Keys, dummy, signallers	280	R.M. College.
	80	Staff College.
Stands, lamp or heliograph, "A" ..	6	
Section No. 8D.		
Watches, stop, $\frac{1}{5}$ seconds	1	
Section No. 28c.		
Stands, signalling telescope	18	
Telescopes, signalling	18	

A.O. 302 / 1907 / 57 / Woolwich / 3506

Miscellaneous Stores.

Stores required for instructional purposes will be supplied in accordance with a scale approved by the Army Council and notified to the Commandant.

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Camp Equipment.

TABLE 8.	Proportion.
Section No. 2A.	
Tents, complete :—	
Circular, { double linen ...	1 for use of commandant.
Circular, { single ,, ...	1 per 4 cadets. Other ranks as allowed by Equipment Regulations, Part 1 for standing camps.
Marquee, hospital, small ...	1 for recreation room and 1 for officers' mess.
Ridge, pole (or marquee, hospital, small)	1 for officers' mess.
Store	1 for officers' mess and 1 for serjeants' mess.

Other articles of camp equipment are allowed in the proportions laid down for standing camps in Equipment Regulations, Part 1, for infantry battalions.

A.O. 302
1907

Field Sketching Instruments.

Royal Military College only.

TABLE 9.	Proportion.	Remarks.
Section No. 8D.		
Boards, sketching	10	For temporary issue to cadets at any time when their own instruments are under repair.
Clinometers, mirror	10	
Cases	10	
Compasses, prismatic	10	
Cases	10	

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Non-Consumable Stores.

TABLE 1.	Number or Quantity.	Remarks.
Section No. 2A.		
Axes, felling, curved helve	1	
Flags, distinguishing, poles, 16 feet ...	2	
Helves, maul, 34½-inch	1	
Mauls, G.S., heads...	1	
Sheets, ground	36	
Section No. 2B.		
Axes, pick { heads, 4½ lb.	1	
Axes, pick { helves, 36-inches, ferruled	1	
Shovels, G.S.	1	
Section No. 7.		
Aprons, basil, brown	1	
Baskets, tool, leather handled	1	
Cans, oil, lubricating, G.S.	1	
Chisels, hand, cold, ¾-inch × 8-inch ...	2	
Hammers { riveting, 24-oz.	2	
Hammers { smiths, sledge, 10 lb. ...	1	
Pincers, carpenters ... ... pairs	1	
Pliers, side-cutting 7-inch ... ,,	4	
Saws { hand, 26-inch	2	
Saws { tenon, 14-inch	1	
Screwdrivers, { 6-inch	1	
general service, { 4-inch	1	
Shears, tinmans, snip	1	
Spanners, McMahon, 9-inch	1	
Vices, hand { 16-oz.	1	
Vices, hand { 8-oz.	1	
Section No. 8c.		
Apparatus, lime-light :—		
Lamps—		
Large	12	
Small	20	
Holders, pencil ... (spare)	6	

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Non-Consumable Stores—*continued.*

	TABLE 1—*continued.*	Number or Quantity.	Remarks.
	Section No. 8c—continued.		
	Apparatus, lime-light—*continued.*		
	Bags { gas ...	50	
	Bags { pressure ...	20	
57	Cases, loose pencils ...	6	
Gen. No. 9706	Cases, small lamp, spare parts, filled ...	20	
	Generators, oxygen ...	12	
	Bottles, cleansing gas ...	20	
	Cans, tin ...	6	
	Retorts ...	20	
	Spanners, retort ...	20	
	Cases, message book ...	20	
	Flags, signal, army :—		
	Blue { 3 feet square ...	60	
	Blue { 2 ,, ,, ...	100	
	White, with stripe { 3 feet square ...	60	
	White, with stripe { 2 ,, ,, ...	100	
	Poles { 5 feet 6 inches ...	100	
	Poles { 3 ,, 6 ,, ...	150	
	Heliographs { 10-inch ...	2	
	Heliographs { 5 ,, ...	40	
	Heliographs { 5 ,, mirrors, unmounted (spare)	20	
	Keys, dummy, signallers ...	60	
	Lamps, reading ...	40	For reading messages.
A.O. 16 1909.	**Lamps,** signalling, "B" ...	30	
	Chimneys, glass ... doz.	9	Quarterly
	Lanterns, flashing signal ...	1	
	Panniers, signalling ...	12	
	Semaphores ...	3	
	Stands, lamp or heliograph { "A" ...	40	
	Stands, lamp or heliograph { "C" ...	2	
	Section No. 8D.		
	Boards, drawing—		
	Antiquarian ...	1	
57 Aldershot 7845.	Imperial ...	1	
	Compasses, prismatic ...	20	
	Cases ...	20	
	Curves, drawing, architects ... sets	1	
	Instruments, drawing, G.S. ... ,,	1	

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Non-Consumable Stores—*continued.*

TABLE 1—*continued.*	Number or Quantity.	Remarks
Section No. 8D—continued.		
Protractors, rectangular, 6-inch, ivory,	12	57 Aldershot 7845
Set-squares, celluloid—		
10-inch, 60°	1	
9 ,, ⅓ pitch	1	
6 ,, 60°	1	
6 ,, 45°	1	
T-squares—		
57-inch, mahogany	1	
36 ,, ,, ...	1	
Watches (keyless)	8	
Watches stop, ⅕ seconds	6	
Section No. 10A.		
Padlocks, iron, 2-inch	12	
Section No. 12.		
Scissors, lamp ... ... pairs	20	
Section No. 13C.		
Flags, signal, pendant, military, 22 feet	2	
Section No. 21B.		
Bicycles	50	A.O. 212 1908.
Section No. 28B.		
Batteries, dry, "O" six-cell	6	
Batteries, dry, "O" ten-cell	4	
Cable, electric, D, 5 ... ... miles	2	
Drums, wood packing, No. 1	4	
Galvanometers, detector, quantity and intensity	2	
Irons, soldering, 9-oz.	1	
Section No. 28C.		
Binoculars medium	8	
Binoculars narrow	2	
Binoculars wide	2	
Stands, signalling telescope	30	
Telescopes, signalling	30	

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Non-Consumable Stores—*continued.*

TABLE 1—*continued.*	Number or Quantity.	Remarks.
Section No. 29A.		
Barrows, drum, universal...	2	
Pipes, earth...	8	
Sticks, crook, long	1	
A.O. 16 1909. **Telephones,** hand, "A"	8	
Telephone, sets, portable, C. Mark II. ...	8	
Tools, electricians ... ... sets	2	
Vibrators, telegraph	8	
Armatures	1	Quarterly.
Screws, contact	2	Quarterly.

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Consumable Stores.—Quarterly Allowance.

TABLE 2.	Number or Quantity.	Remarks.
Section No. 3.		
Solder, tinmans, soft ... ... lbs.	1	
Section No. 8c.		
Apparatus, lime-light:—		
Cylinders—		
Large pencil, filled	6	
Small, pencil, filled	20	
Oxygen cakes ... ... doz.	2	
Section No. 9A.		
Cloth, emery ... ...quires	¾	
Compound, Chatterton's ... lbs.	1	
Manganese, binoxide, granulated ,,	120	
Methylated spirits ... ...galls	12	
Mineral jelly, red... ... ... lbs.	1	
Oil, mineral, burning, flashing point about 150° F.	As required	A.S.C. supply.
Oil { Rangoon ... ... pints	1	
Oil { rape	As required	
Potash, chlorate, commercial ... lbs.	360	
Sal-ammoniac ... ... ,,	6	
Wick	As required	A.S.C. supply.
Not in Vocabulary.		
Matches, safety .. .. boxes	60	A.S.C. supply. A.O. 212/1908.
Section No. 13c.		
Cotton, waste, white ... ... lbs.	28	
Leathers, chamois...	2	

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Consumable Stores.—Quarterly Allowance—*continued.*

TABLE 2—*continued.*	Number or Quantity.	Remarks.
Section No. 28B.		
Cells, electric, dry "O"	8	
Tubing, I.R. ⅜-inch ... ...yards	10	
Wire, electric, S. 11 ... ... ,,	24	
Old Stores.		
Rags, linen or cotton, old... ... lbs.	10	

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Telephone Equipment.

NOTE.—This equipment represents the telephone equipment allowed for 1 R.F.A. brigade headquarters, 5 R.F.A. batteries and 3 Infantry brigades.

TABLE 3.	Number or Quantity.	Remarks.
Section No. 2A.		
Buckets, water, G.S., leather— Rivets, with washers, ⅝-inch (spare) ...	30	For repair of waist-belts.
Pads, surcingle	—	1 per animal.
Tents, complete, shelter	12	
Section No. 2B.		
Axes, heads, 4½lb.	1	
pick helves, 36 inches, ferruled ...	1	
Spades, Mark III	1	
Section No. 5A.		
Harness, Army Service Corps, wheel, double sets	—	1 per cart.
Bags, nose, G.S.	—	1 per animal.
Brushes harness, hard	—	1 per double set of harness.
Brushes horse	—	1 per animal per annum.
Combs, curry	—	1 per animal per annum.
Rubbers, horse	—	1 per animal per annum.
Sponges, 7 drachms	—	4 per horse per annum.
Section No. 5B.		
Packsaddlery, General Service... sets	6	
Section No. 7.		
Panniers, tool, saddlers, empty... ...	12	
Aprons, basil, brown	1	
Cans, oil, lubricating, 1 pint	1	
Hammers, claw, 14 oz.	1	
Pliers, side-cutting, 8-inch ... pairs	36	
Spanners, McMahon, 9-inch	1	
Section No. 8A.		
Cordage, tarred, spunyarn, hemp, 1 thread lbs.	200	

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Telephone Equipment—*continued.*

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7459

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TABLE 3—*continued.*	Number or Quantity.	Remarks.
Section No. 8D.		
Compasses, magnetic, pocket	6	
Section No. 9A.		
Cloth, emery, No. F ... ... sheets	14	
Section No. 21A.		
Carts, cable§	1	Complete with equipment.
,, forage	3	
Section No. 28B.		
Cells, electric, dry, "S"	—	1 per Mark II. telephone set.
,, ,, ,, ,, (spare)	—	
Cable, electric D. 1 ... ... miles	33⅓	
D. 3 ... ... ,,	6	
Galvanometers, detector, quantity and intensity	1	
Cases	1	
Solution, I.R., 3 oz. tubes ... tubes	42	
Tape, I.R. ... ... lbs.	5½	
Tubing, I.R., ⅜-in. ... ... yards	10 5/12	
Wire, electric, S. 11, Mark II. ... ,,	145	
Section No. 29A.		
Bars, carrying drum, cart. cable ...	1	
Bars, carrying, reel, cable, No. 1... ...	6	
Belts, waist, reel, cable, No. 2	16	
Buckets, reel, cable, No. 2	25	
Sockets (spare)	5	
Carriers, reel, cable, No. 1	6	
Cases, pin, earth large	6	
small	24	

§ When pattern is approved.

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Telephone Equipment—*continued.*

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TABLE 3—*continued.*	Number or Quantity.	Remarks.
Section No. 29A—continued.		
Commutators, telegraph 6 line, Mark II.	3	
Cases	3	
Cords, telephone, field	40	
Couplers, cable (spare)	10	
Drums, cart, cable...	6	
Guards, hand, telegraph equipment ...	2	
Guys, telegraph pole	8	
Hammers, R.E., telegraph, sledge ...	1	
Hooks, clamp. cable	40	
Jumpers	1	
Ladders, field telegraph	1	
Mattocks, telegraph equipment... ...	6	
Cases for packsaddle	6	
Pickets, guy, telegraph, light	20	
Pins, earth	72	
Pliers, side cutting, 5-inch ... pairs	25	
Poles, telegraph, wood. 17 feet	8	
Pouches, telephone equipment	22	Includes 6 spare.
Reels, cable—		
No. 1	54	
No. 2	25	
Nuts, terminal (spare)	10	
Spindles	25	
Rivets (spare)	30	
Springs ,, ...	5	
Sticks, crook—		
Jointed	12	
Straps, securing	12	
Short	2	
Tabs, telephone cord (spare)	12	
Telephone, sets, portable. "D"	56	1 per Mark I. telephone set.
cells, electric dry... ...	—	
,, ,, ,, (spare)...	—	
Wallets, telephone equipment	12	
Pimlico Section 30.		
Knives, clasp	30	

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SECTION VIIb. CAVALRY SCHOOL, NETHERAVON.

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Arms.

TABLE 1.	Proportion.
Weedon Section.	
Rifles, short, M.L.E.	1 per rank and file.
Rifles, D.P. short, M.L.E.	5
Pistols, Webley	1 per warrant officer, staff-serjeant, squadron serjeant-major, squadron quarter-master-serjeant and serjeant.
Swords, cavalry	1 per all ranks.
Scabbards, sword, cavalry	
Bottles, oil	1 per rifle and 5 per cent. spare.
Pull-throughs	
Reflectors, mirror, S.A., ·303-inch ...	2
Rods, cleaning, pistol, Webley ...	1 per pistol.

Accoutrements.

TABLE 2.	Proportion.
Section No. 1A.	
Belts, waist, buff, Cavalry, Line, pattern '85* ... S.S.	1 per warrant officer, staff-serjeant, squadron serjeant-major and squadron quarter-master-serjeant.
Belts, waist, buff, Cavalry, Line, pattern '85* ... O.R.	1 per all other ranks.
Bottles, water, enamelled	1 per all ranks.
Carriers, water-bottle, with shoulder strap	1 per Mark V or VI water-bottle
Cases, brown, pistol, L.S.	1 per pistol.
Haversacks	1 per all ranks.
Knots, sword	1 per sword.
Lanyards pistol	1 per pistol.
Lanyards whistle, cavalry	1 per whistle.
Pouches, ammunition, brown, pistol, Mark II	1 per pistol.
Slings, rifle, web, G.S.	1 per rifle.
Straps, mess tin, mounted services ...	1 per mess tin.

* Until replaced by Belts, waist, brown, Cavalry, Line.

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Accoutrements—*continued.*

TABLE 2—*continued.*	Proportion.
Section No. 1A—continued.	
Straps, water-bottle, mounted services	1 per Mark IV water-bottle.
Tins, mess, mounted services	1 per all ranks, and 5 per cent. spare.
Whistles, cavalry	1 per warrant officer and non-commissioned officer.
Bandolier equipment, pattern 1903:	
Bandoliers, 50 rounds	1 per all ranks.
Belts, waist	1 per pistol.

Materials for Repair of Water Bottles.

(12 *months' supply.*)

TABLE 3.	Proportion.
Section No. 1A.	
Covers, water-bottle, enamelled, Mark IV...	10 per cent. of Mark IV bottles in possession.
Stoppers, cork—	
Mark IV water-bottle	10 per cent. of Mark IV bottles in possession.
Chains, with rings	3 per cent. of Mark IV bottles in possession.
Covers, water-bottle, enamelled, Marks V and VI	10 per cent. of Mark V or Mark VI bottles in possession.
Stoppers, cork—	
Mark V or Mark VI water-bottle ...	5 per cent. of Mark V or Mark VI bottles in possession.
Cords	5 per cent. of Mark V or Mark VI bottles in possession.

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Camp Equipment.

TABLE 4.	Proportion.		Proportion.
Section No. 2A.		**Flags**, distinguishing:—	
		Water supply { blue ..	1
		Water supply { red ...	1
		Water supply { white ...	1
		Poles. 10-feet	3
Appliances for the conveyance and storage of water, special services—		**Helves**, maul, 34½-inch ..	8
		Hooks, bill	27
		Kettles, camp, oval, 12 quarts	10
		Mallets, heel peg	10
Troughs, waterproof, 600 gallons	1	**Mauls**, G.S., heads	8
Standards ... sets	1	**Ovens**, Aldershot pattern ...	1
Posts, picket	7	Plates, bottom	1
Axes, felling, curved helve ...	12	**Posts**, picket, 2½-feet... ...	13

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Vehicles, &c.

TABLE 5.	Proportion.
Section No. 14.	
Covers, wagon, artillery	1
Wagons, artillery	1
Section No. 20.	
Jacks, lifting, General Service	1
Section No. 21A.	
Carts, Maltese	1
Covers, cart, Maltese	1
Lamps, vehicle, right hand	1

NOTE.—For list of components, accessories, spare parts, wagon and cart equipment of vehicles, *see* Equipment Regulations, Part 1.

Field Sketching Instruments and Equipment for Reconnaissance Work.

TABLE 6.	Proportion.
Section No. 8D	
Boards. sketching	35
Compasses, prismatic	35
Cases	35
Dividers, mathematical	35
Protractors. rectangular, 6-inch, wood, "A"	35
Rulers, parallel, common, 6-inch	35
Rules, sight, 16-inch	10
Tables, plane, instructional	10
Section No. 28C.	
Binoculars	35

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Musical Instruments.

TABLE 7.	Proportion.
Section No. 1B.	
Bugles	1
Strings, bugle and trumpet	2
Trumpets...	1

Harness and Saddlery.

TABLE 8.	Proportion.
Section No. 5A.	
Harness, General Service, near ... sets	1
Harness, Army Service Corps near ... ,,	2
Army Service Corps off ... ,,	2
Section No. 6A.	
Saddlery, universal:—	
Cavalry, without rifle bucket ... sets	10
Buckets rifle, cavalry	20
Frogs, sword, saddle...	110
Numnahs, Mark VI	24
Saddlery, Yeomanry:—	
Sets	110
Breastplates	7

NOTE.—Materials for the repair and preservation of harness and saddlery are supplied in the proportions laid down in Equipment Regulations, Part 1.

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Stable Necessaries and Equitation Articles.

TABLE 9.	Proportion.
Section No. 5A.	
Harness, General Service :—	
Reins, driving, long ... ... sets	50
Bags, nose, G.S.	1 per horse and 10 per cent. spare.
Boxes, riding school :—	
Equipment	2
Whips	2
Brushes { harness, hard	1 per horse per annum.
Brushes { horse †	1 ,, ,,
Combs, curry	1 ,, ,,
Equitation articles :—	
Sets§	25
Crosstrees	1
Crosstrees, automatic fitting with pannel	10
Pads, driving, breaking	49
,, vaulting	50
Rubbers, horse	1 per horse per annum.
Sponges, 7 drachms	3 ,, ,,
Section No. 6A.	
Martingales, breastplate	25

† A portion of the annual allowance of horse brushes may, at the discretion of the Commandant be commuted for dandy brushes. For commutation purposes 5 dandy brushes will be regarded as the equivalent of 2 horse brushes.

§ For detail of set *see* Equipment Regulations, Part 1.

Miscellaneous Tools.

TABLE 10.	Proportion.
Section No. 2A.	
Helves, maul, 34½-inch	50
Section No. 2B.	
Axes, pick, heads :—	
6½-lb.	40
5-lb.	10
Crow-bars, 5-feet 6-inches	7
,, 4 ,, 6 ,, ...	2
Shovels, G.S.	50
Spades, Mark III	10
Tapes, tracing	6

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Miscellaneous Tools—*continued.*

TABLE 10—*continued.*	Proportion.
Section No. 7.	
Chests, tool, filled :—	
Saddletree makers	1
No. 3A	1§
No. 5A	1†
No. 7	*
Adzes, carpenters	4
Augers, screw, common, 2-inch	1
,, shell, 2-inch	1
,, ,, 1½-inch	2
,, handles, 18-inch	4
Cans, oil, lubricating, 1-pint	1
Cards, towsing ... ... pairs	1
Chisels, brick, 18-inch...	4
,, ,, 12-inch...	4
,, firmer, 1½-inch	2
,, ,, 1-inch	2
,, hand, cold, ⅞-inch by 9-inch ...	2
,, ripping	1
Claws, nail	1
Files, bastard, flat, 12-inch	2
,, saw, taper, second cut, single, 6-inch	2
Grindstones, F.S., 18-inch	1
Hammers, claw, 28-oz.	2
,, fitters, 24 oz.	1
,, masons, chisel point, 5-lb. ...	6
Irons, soldering, tinmans, large	1
Knives, laboratory	1
Levels, F.S., 2-feet 6-inch	2
Mallets, carpenters	1
Marline spikes, steel, 10-inch	20
Nail pullers	1
Oilstones, carpenters	1
Pliers, side cutting, 7-inch, pairs	18
Pots, fire, tinmans	1
Rules, G.S., 4-fold	2
Saws, cross-cut, blades, 5-feet	2
,, ,, handles	4
,, hand, 26-inch	5
,, ,, 23½-inch	1
,, tenon, 14-inch	2
Screwdrivers, R.E., 18-inch	1
Sets, saw, hand	1

* For supply of forge and shoeing tools *see* Equipment Regulations. Part 1.
† This chest will be replaced when used up by a Pannier, tool, filled saddlers.
§ This chest will be replaced when used up by a Chest tool, filled, carpenters and wheelers.

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Engineer Equipment and Bridging Stores.

TABLE 11.	Proportion.
Section No. 3.	
Wire, galvanized, iron, No. 14 S.W.G. yards	760
Wire, galvanized, steel, No. 14 S.W.G., 2 strand, barbed ... ... lbs.	56
Section No. 4.	
Timber, spars, bridging service ... ... ,, ,, Norway	To be provided locally. *See* Equipment Regulations, Part 1.
Section No. 8A.	
Blocks, wood, snatch, 8-inch	2
,, ,, rope strapped, phosphor bronze sheaves, 4-inch	2
Blocks, malleable, cast iron :—	
7-inch, double	4
4-inch { double	2
4-inch { snatch	2
4-inch { single	2
Cordage, hemp, hawser, 3-strand, tarred : –	
3-inch ... ... fathoms	200
2½-inch ... ... ,,	1,000
2-inch ... ... ,,	339
1¾-inch* ... ... ,,	500
1½-inch ... ... ,,	500
1-inch ... ... ,,	339
Cordage, hemp, hawser, 3-strand, white, 3-inch ... ... fathoms	200
Section No. 8B.	
Life-buoys	1
Oars, ash, leathered, 10 feet	6
Section No 8D.	
Rods, measuring, common, 6 ft.	4
Tapes, measuring, linen, 66 ft.	2

* To be replaced when worn out by 1½-inch.

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Engineer Equipment and Bridging Stores.

TABLE 11—*continued.*	Proportion.
Section No. 13c.	
Gloves, hedging ... ... pairs	6
Section No. 19.	
Guys, tarred, 3-inch, 20 fathoms	12
Lashings, tarred:—	
2-inch, 48 feet	90
1½-inch, 50 feet	50
1-inch, 20 feet	46
1-inch, 10 feet	6
Section No. 20.	
Gyns, Gibraltar, falls	2
Posts, picket, 5 ft.	20
Section No. 21A.	
Not in Vocabulary.	
Casks, water, 108 gallons	14
Section No. 22.	
Cases, powder, metal lined, whole	1
Pans, warming dynamite	1
Section No. 25.	
Apparatus, cutting wet guncotton, R.E. equipment	2
Bags, powder, 10 lb.	35
Boxes, guncotton :—	
Dry, primers, field, 1 oz.	2
Wet, charges, field, 15 oz.	7
Cases, guncotton, wet slab, field, Mark II. ...	112
Guncotton, dry, primers, field, 1 oz.... ...	150 } Annual supply.
Guncotton, wet, charges, field, 15 oz. ...	112 } Annual supply.
Gunpowder, R L.G. 2 ... ... lbs.	50 } Annual supply.

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Engineer Equipment and Bridging Stores.

TABLE 11—*continued.*	Proportion.
Section No. 26.	
Boxes, No. 8 detonators...	5
Detonators, No. 8, with 2 feet of safety fuze attached	120 } Annual supply.
Fuze, instantaneous ... ... yards	200 } Annual supply.
Fuze, safety, No. 9 ... ... fathoms	48 } Annual supply.
Section No. 28B.	
Cells, electric, dry, E.	2
Coils, resistance, 100 ohms	1
Exploders, dynamo, electric quantity ...	1
Galvanometers, vertical, 3 coil	1
Tape, I.R.... ... ... ozs.	4
Wire, electric, X. 11 ... ... oz.	½
Section No. 28C.	
Wire, electric, Q.I. ... ... yards	200
Section No. 28D.	
Dogs, railway and sawyers. straight, 12-inch	20
Section No. 29A.	
Telephone sets, portable, D	1
Cells, dry	2
Section No. 29B.	
Levels, F.S., 4 feet	2
Section No. 29C.	
Anchors, boat. 1 cwt.	1
,, pontoon, ½ cwt.	1
Barrel pier :—	
Baulks	10
Braces	24 To be made up locally.
Gunwales	4
Outriggers	2
Ways, launching	1

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Engineer Equipment and Bridging Stores.

TABLE 11—*continued.*	Proportion.
Section No. 29c—continued.	
Buoys, pontoon, iron	1
Chesses, Mark II.	92
Hooks, boat, 11-ft. 7½-inch	2
Sticks, rack	40
Section No. 29D.	
Bags, guncotton, 5 lb.	10
Clamps	10
Bags, sand, common	200
Chokers, fascine	1
Models { fascine	2
Models { gabions { Jones	2
Models { gabions { brushwood	2
Pickets, square :—	
High wire entanglements	70
Low ,, ,, ...	50
Section No. 29E.	
Pumps, lift and force, to lift 60 feet	1
Adapters, A	2
,, B	1
Hose, delivery	5
,, suction	1
Strainers	1
Tube-wells, 1¼-inch, with 50 ft. of tubing ...	1
Apparatus, driving ... ... sets	1
Tubes, cleaning... ... ... sets	1
Not in Vocabulary.	
Boxes, safety, iron	1

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Miscellaneous Articles.

TABLE 12.	Proportion.
Section No. 2A.	
Stoves, Soyer's	3
Section No. 5A.	
Not in Vocabulary.	
Cutters, tail	1
Hobbles, casting	2
Section No. 10A.	
Shoes, horse, with nails	As laid down in Equipment Regulations, Part 1.
Section No. 11.	
Clocks, tell-tale	2
Boxes	6
Cases	2
Section No. 12.	
Irons, branding :—	
$\frac{5}{8}$-inch { figures, 0 to 8... ... ... sets	2
$\frac{5}{8}$-inch { letters, 1-letter	12
$\frac{1}{2}$-inch { figures, 0 to 8... ... ... sets	1
$\frac{1}{2}$-inch { letters, 1-letter	2
Stamps, copper, inlaid $\frac{1}{2}$-inch :—	
Figures, 0 to 8 ... ... sets	1
Letters, 1-letter...	12
Stamps, steel for metal :—	
$\frac{1}{8}$-inch { figures, 0 to 8... ... ... sets	2
$\frac{1}{8}$-inch { letters, 1-letter	4
$\frac{3}{16}$-inch { figures, 0 to 8 ... ... sets	1
$\frac{3}{16}$-inch { letters, 1-letter	2
$\frac{1}{4}$-inch { figures, 0 to 8 ... ... sets	1
$\frac{1}{4}$-inch { letters, 1-letter	2

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Miscellaneous Articles.

TABLE 12—*continued.*	Proportion.
Section No. 13c.	
Handcuffs, common, pairs	1
Section No. 21B.	
Bicycles	1

Veterinary Stores.

TABLE 13.	Proportion.
Section No. 2A.	
Rugs, horse	110

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Articles for use in the Riding Establishment.

TABLE 14.	Proportion.
Section No. 2A.	
Axes, felling, curved helved	2
Helves, maul, 34½-inch...	1
Mauls, G.S., heads	1
Section No. 2B.	
Axes, pick { heads, 4½ lbs.	2
Axes, pick { helves, 36-inches ferruled ...	2
Shovels, G.S.	2
Section No. 11.	
Barrows, stable	1
Section No. 12.	
Shears, garden, long ... ... pairs	2
Section No. 13C.	
Gloves, hedging ... ... pairs	2
Section No. 13D.	
Balls, sword, practice	4
Stands, Military practice post :—	
No. 1	7
No. 4	8
Bars, leaping	4
Not in Vocabulary.	
Boots, gum ... ... pairs	12
Section No. 21A.	
Carts, hand, common	1

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Fencing Equipment.

TABLE 15.	Proportion.
Section No. 13D.	
Gloves, fencing { left	50
Gloves, fencing { right...	50
Guards, hand, singlestick	50
Helmets, singlestick	20
Jackets, fencing, leather { half	50
Jackets, fencing, leather { whole	40
Masks, fencing	50
Masks, horse, leather, with nose piece ...	20
Mats, coir fibre, gymnasia	4
Pads, fencing { body, leather	40
Pads, fencing { breast	10
Singlesticks	100
Not in Vocabulary.	
Mattresses, gymnasia	1
Weedon Section.	
Foils	50
Blades, foil (spare)	25
Lances, exercise	20
Flags, lance	50
Muskets, fencing	6
Swords, practice, gymnasia	72
Blades, sword, practice, gymnasia (spare) ...	36
Cases, lance	4

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SECTION VIII.—GARRISON STAFF AND SCHOOLS OF INSTRUCTION.

Arms

TABLE 1.	Proportion.
Weedon Section.	
Swords, staff serjeants, patt.'89 gilt hilt **Scabbards,** sword, staff serjeants, patt. '89	1 per warrant officer and staff serjeant.

N.B.—Rifles and pouches required by the School of Musketry are issued out of common stock, as may be necessary, and are not supplied to individuals as personal equipment.

Accoutrements.

TABLE 2.	Proportion.
Section No. 1A.	
Bags, spare field kit	1 per all ranks.
Belts, waist, warrant officers	1 per warrant officer and staff serjeant.
Bottles, water, enamelled	1 per all ranks.
Carriers, water-bottle, with shoulder-strap	1 per Mark V or VI water-bottle.
Covers, mess-tin	1 per mess tin.
Haversacks	1 per all ranks.
Knots, sword	1 per sword.
Straps, water-bottle, dismounted services	1 per Mark IV water-bottle.
Tins, mess, dismounted services ...	1 per all ranks.
VALISE EQUIPMENT, PATT. '88, BUFF.	
Belts, waist, G.S	1 per serjeant and rank and file.
Braces { left ... ... ; right	1 per serjeant and rank and file.
Straps { great coat	1 per warrant officer and staff serjeant, 2 per other ranks.
Straps { mess-tin	1 per mess tin.

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Sect. IX.—Military Prisons, Detention Barracks and Military Provost Staff Corps.

Arms.

TABLE 1.	Proportion.
Weedon Section.	
Swords, staff-serjeants	1 per serjeant-major, quartermaster-serjeant, and staff-serjeant.
Scabbards, sword, staff-serjeants	
Section No. 11.	
Staves, constables†	1 per staff-serjeant, serjeant, and lance-corporal.
For Detention Barracks Only.	
Weedon Section.	
Rifles, short, ·22-inch, R.F.* ...	20 per cent. of total accommodation of each detention barracks.
Bottles, oil	1 per rifle.
Brushes, cleaning, tubes, aiming	1 per ·22-inch rifle.
Rod, cleaning, tubes, aiming ...	

* A.T. rifles and ·22-inch aiming tubes will be retained until R.F. rifles are available for issue.

† Only for use inside prisons and detention barracks.

Accoutrements.

TABLE 2.	Proportion.
Section No. 1A.	
Valise Equipment, patt. '82, brown:—	
Belts, waist:—	
Staff-serjeants	1 per serjeant-major, quartermaster-serjeant, and staff-serjeant.
Serjeants, and rank and file...	1 per serjeant and lance-corporal.
Knots, sword, brown	1 per sword.
Whistles, infantry	1 per instructor.
Section No. 12.	
Chains, keys, warders	1 per staff-serjeant, serjeant, and lance-corporal.

A.O. 17
1907

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Ammunition.

A.O. 58
1908

Detention Barracks only.

TABLE 3.	Proportion.
Section No. 27.	
Cartridges, aiming tube ..	An annual allowance not exceeding 25 rounds per soldier under sentence accommodated during the year.

Articles for Musketry Instruction.

Detention Barracks only.

54
Prisons
508

TABLE 4.	Proportion.		
	Aldershot, Dublin, Gosport, York.	Colchester, Cork, Devonport, Stirling, Cairo, Gibraltar, Malta, Pretoria, Wynberg.	Bermuda, Hong Kong, Jamaica, Kandy (Ceylon), Mauritius, Sierra Leone, Singapore.
Weedon Section.			
Rifles, D.P., short, M.L.E. ..	4	2	1
Actions, skeleton M.L.E. rifle short	2	1	1
Aim correctors	4	2	1
Bottles, oil	4	2	1
Pull-throughs	4	2	1
Reflectors, mirror, S.A., ·303-inch	2	1	1
Section No. 27.			
Cartridges, small-arm, dummy drill, ·303-inch rifles or carbines	40	20	10
Chargers, ·303-inch cartridges ...	8	4	2

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54
Prisons
508

Articles for Musketry Instruction.

Branch Detention Barracks only.

TABLE 5.	Proportion.
	Chelsea, Pembroke Dock, Shorncliffe, Woolwich, Jersey, Khartoum.
Weedon Section.	
Rifles, D.P., short, M.L.E. ...	1
Bottles, oil	1
Pull-throughs	1
Section No. 27.	
Cartridges, small-arm, dummy drill, ·303-inch rifles or carbines	10
Chargers, ·303-inch cartridges ...	2

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A.O. 58
1908

Materials for care and preservation of arms.

Detention Barracks.

Rifle oil and flannelette will be allowed for the D.P. and R.F. rifles on charge, also for the arms taken by soldiers with them to detention barracks. They should be demanded in the following proportions :—

Oil, petroleum, Russian, lubricating	36 pints per 50 arms	Annual allowance.
Flannelette, Mark III ...	4 yards per arm	

A.O. 58
1908

Targets.

Detention Barracks.

Targets for practice purposes will be made up in the detention barracks from paper pasted on to cardboard, the size of the targets being regulated to give them the appearance of the full-size regulation target at the assumed distance.

The necessary materials should be obtained, as required, on demand from the Army Ordnance Department, by whom they will be procured locally.

A.O. 58
1908

Bugles.

Detention Barracks.

One bugle, and one string, bugle and trumpet, green, are allowed for instructional and ordinary purposes.

54
Prisons
511

Tents.

Detention Barracks.

Unserviceable circular tents for instructional purposes will be allowed in the following proportions :—

For the Detention Barracks at :—

	No.
Aldershot	2
Colchester	2
Cork	1
Devonport	1
Dublin	2
Gosport	2
Stirling	1
York	2

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Franco-German War—*continued.*

9A. Battle of Sedan. Position of Contending Forces towards Noon. 3*d.*
9B. Battle of Sedan. Position of the Germans in the afternoon shortly before the end of the struggle. 3*d.*
(*See also* **Siege Operations.**)

German Army. Cavalry. Drill Regns. 1909. 3*d.*
Do. Field Service Regns. 1908. 1*s.*
Do. Foot Artillery. Drill Regns. Part IV. The Fight. 1909. 3*d.*
Do. Manœuvres Regns. 1908. 3*d.*

German Field Artillery. Drill Regns. 1899. 1*s.* 6*d.*

Germany. The Campaign of 1866 in. With 22 Plans in portfolio. 1872. (Reprinted 1907.) 6*s.*
Do. Moltke's Projects for. 1*s.*

Gunnery. Text Book. Part I. 1907. 2*s.* 3*d.* (*And see* Ballistic Tables.)

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5·4-inch B.L. Howitzer. Mark I. 1902. 1*s.* 6*d.*
5-inch B.L. Marks I.—V. 1904. 9*d.*
5-inch B.L. Marks IV.—V. Land Service. 1903. 1*s.* 6*d.*
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5-inch B.L. Howitzer. Section Gun Drill. 1909. 2*d.*
4·7-inch Q.F. Fixed Armaments. Land Service. 1904. 1*s.*
4.7-inch Q.F. Fixed Armaments. Drill for. 1909. 2*d.*
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4·7-inch Q.F.B. on Travelling Carriages. Land Service. 1910. 9*d.*
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·303-inch and ·303-inch Converted Maxim Machine (Magazine Rifle Chamber), on Carriages, M.G., Cavalry, Infantry, Parapet; Tripod and Cone Mountings. 1907. 1*s.*
0·303-inch Nordenfelt 3-barrel and Gardner 2-barrel converted from 0·4-inch and 0·45-inch M.H. Chamber, Magazine Rifle Chamber, on Carriages. 1900. 9*d.*

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Engineers. Royal—
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2. Dismounted. Full Kit laid out for Inspection in Barrack Room. 1908. 1*d*.
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6. Driver, with pair of Horses. Field Kit laid out for Inspection on Parade, including Articles carried in Valise on Baggage Wagon. 1899. 1*d*.

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2. Kit laid out for Inspection. 1905. 2*d*.

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Special Reserve—*continued.*

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Scheme for the Provision, Organization, and Training of that portion which will be drawn from the Territorial Force to supplement the Regular Army on Mobilization being ordered. (Special A.O., Nov. 20, 1908.) 2*d.*

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DETAILS OF EQUIPMENT

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OF

HER MAJESTY'S ARMY.

PART 2.—SECTION I.

PEACE.

WAR DEPARTMENT
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PART 2.—DETAILS OF EQUIPMENT.

PEACE.

SECTION I.—INFANTRY.

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ESTABLISHMENTS.

The Peace Establishments of Infantry Battalions and Regimental Depots are published from time to time in Army Orders, and being subject to change, they are not inserted in these Tables.

Arms.

TABLE 1.	Battalions and Regimental Depôts.
Vocabulary Section I. (1).	
MARTINI-HENRY.	
Rifles	1 per serjeant and rank and file, except band and pioneers. (*For Depôts see note at page* 195.)
Jags	1 per rifle.
,, (spare)	6 per battalion and regimental depôt.
Protectors ... front-sight, rifle	1 per rifle.
Protectors ... ,, ,, ,, spare) ...	10 per battalion and regimental depôt.
Reflectors†	1 per 20 or less serviceable rifles.
Rods, cleaning, rifle (spare)	6 per battalion and regimental depôt.
Pistols, Enfield	1 for serjeant major for instructing staff serjeants (*not for regimental depôt*).
,, ,, Implements	
,, ,, Jags	
,, ,, Rods, cleaning	
Bayonets Martini-Henry*	1 per rifle, except serjeants.
Bayonets ,, ,, (spare)	4 per battalion, and 2 per regimental depôt.
Sword-bayonets Martini-Henry rifle*	1 per serjeants rifle.
Sword-bayonets ,, ,, ,, (spare) ...	1 per battalion and regimental depôt; 4 per rifle battalion and regimental depôt.
Dirks	1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.
Scabbards bayonet, Martini-Henry	1 per bayonet and spare bayonet.
Scabbards sword-bayonet, Martini-Henry rifle ...	1 per sword-bayonet and spare sword-bayonet.
Scabbards dirk	1 per dirk.
Scabbards sword: buglers	1 per buglers sword.
Scabbards sword: drummers	1 per drummers sword.
Scabbards sword: pioneers	1 per pioneers sword.
Scabbards sword: staff serjeants, Highland regiments steel	Highland regiments 1 per staff serjeants sword.
Scabbards sword: staff serjeants, Line and Rifles ...	Line and Rifles ... 1 per staff serjeants sword.
Swords: buglers	1 per band corporal, bandsman, and bugler, rifles.
Swords: drummers	1 per band corporal, bandsman, drummer, and bugler, line, except Highland regiments.
Swords: pioneers	1 per sergeant pioneer and pioneers.
Swords: staff serjeants, Highland regiments gilt hilt	Line ... ... 1 per warrant officer and staff serjeant.
Swords: staff serjeants, Highland regiments iron hilt	Highland Regiments Rifles ... ...

* Rifle regiments have sword-bayonets only.
† For examining interior of barrels.

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Arms—*continued.*

TABLE 1—*continued.*		Battalions and Regimental Depôts.
Tubes, aiming	Martini-Henry rifle... ... ... Brushes, cleaning, Martini-Henry Keys, Martini-Henry ... ... Rods, cleaning, Martini-Henry rifle Sights, fore, false, Martini-Henry rifle.	2 per company.
Rifles, M.H., M.T.		2 per company, for aiming tubes.

N.B.—Serjeant majors, band masters, quarter master serjeants, orderly room serjeants, serjeant drummers, serjeant pipers, armourer serjeants, serjeant cooks, serjeant instructors of musketry, canteen-serjeants, band serjeants, and serjeant master tailors are armed and accoutred as staff serjeants. The three last-named are included in the establishment of serjeants and have staff appointments, in reduction of three rank and file rifles.

The number of serjeants arms and appointments are according to establishment of serjeants, whether such serjeants are effective or not; if taken for other duties, such as the canteen serjeant, band serjeant, and serjeant master tailor, their arms will be carried by the lance serjeants or others performing their duty.

Rifles for Depôts will be of two descriptions:—

A.—*Serviceable Arms.*

Which are to be kept entirely distinct from those stored for the Army Reserve, will be issued to the Head-Quarters of Regimental Districts in the following proportions:—

1. Depôts of regiments with one battalion abroad, at which the recruits of one Militia battalion only are trained 40
2. Depôts of regiments with one battalion abroad, at which the recruits of two Militia battalions are trained 80
3. Depôts of regiments with two battalions abroad, at which the recruits of one Militia battalion are trained.... 120
4. Depôts of regiments with two battalions abroad, at which the recruits of two Militia battalions are trained 160
5. Double Regimental Districts will be treated proportionately to the number of their depôts, and the number of Militia battalions whose recruits are trained at those depôts.
6. Rifle Depôt, Winchester.... 380
7. Depôt, West India Regiment, *according to Establishment.*

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B.—*Unserviceable (D.P.) Arms.*

Which will be issued, according to local requirements, for drill purposes to Regimental Districts—for the use of Regimental Depôts and Militia recruits—and to the Depôt, West India Regiment, on the authority of the General Officer Comanding.

Such arms will be issued with cleaning rod, jag, bayonet, and scabbard, and will not be used for ball firing.

Military Foot Police.

Arms.

TABLE 1a.	
Scabbards { sword - bayonet, Martini-Henry, carbine.	1 per serjeant and rank and file.
Scabbards { sword, staff serjeants, steel ...	1 per serjeant major.
Sword-bayonets, Martini-Henry, carbine	1 per serjeant and rank and file.
Swords, staff-serjeants, gilt hilt	1 per serjeant major.

Ammunition.

TABLE 2.	Battalions and Regimental Depôts.	
	Service.	Practice.
Cartridges, aiming tube	... ...	According to Section V., Part 1.
Cartridges, small-arm... ball ... M.H. rifle	20 rounds per rifle	
Cartridges, small-arm... ball ... pistol, Enfield ...	24 ,, ,, pistol	
Cartridges, small-arm... blank, M.H.	... ...	

Articles for Musketry Instruction.

These are supplied in accordance with paragraph 128, Part 1.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1.

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Accoutrements.*

TABLE 3.	Battalions and Regimental Depôts.
Vocabulary Section I. (2).	
Aprons, leg	1 per side drum.
Bags, ammunition, canvas	1 per company (*battalions only*).
Belts, waist, V.E. — staff serjeants† ...	1 per warrant officer and staff-serjeant.
Belts, waist, V.E. — patt. '82	1 per colour serjeant, serjeant, and rank and file, except those ranks having O.P.
Belts, waist, V.E. — ,, spare	3 per battalion, and regimental depôt (*none allowed for boys*).
Belts, waist, V.E. — O.P.	1 per serjeant pioneer, pioneer, band corporal, bandsman, drummer, bugler, and piper.‡
Bottles ... — water, enamelled§	1 per warrant officer, non-commissioned officer and man.
Bottles ... — zinc, oil...	1 per rifle (*not to be filled with oil in time of peace*).
Braces, V.E., patt. '82 ... — staff ... ... left ... / right	1 per valise, ranks having O.P. V.E. waist belts.
Braces, V.E., patt. '82 ... — serjeants, and rank and file ... left ... / right	1 per valise, ranks having Patt. '82 V.E. waist belts.
Carriages, drum, buff	1 per side drum.
Cases, brown, pistol, L.S.	1 per pistol.
Frogs‖ ... — sword	1 per serjeant pioneer and pioneer.
Frogs‖ ... — sword bayonet	1 per colour serjeant, serjeant, and bugler, and band corporal, bandsman, and drummer, except Highland regiments.
Frogs‖ ... — bayonet...	1 per rank and file, except pioneers and band.
Frogs‖ ... — intrenching implement ...	1 per implement.
Knots, sword¶	1 per warrant officer and staff serjeant
Loops, buff, dirk‡	1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.
Ornaments, brass, valise — Guards — Coldstream ... / Grenadier ... / Scots	1 per valise as required.
Ornaments, brass, valise — Worcestershire Regiment ...	1 per valise as required.
Pouches, ammunition — brown, pistol, infantry ...	1 per pistol.
Pouches, ammunition — V.E., patt. '82...	2 per serjeant, and rank and file armed with rifles.
Pouches, ammunition — ,, ,, spare	4 per battalion and regimental depôt.

* Black leather for Rifles and buff for Line.

† White enamelled waist belts will continue in use until stock is issued and worn out.

‡ Black waist-belts, and loops for dirks, in possession of pipers will continue in use until worn out.

§ Italian water-bottles will continue in use until stock is issued and worn out.

‖ Rifles have two patterns only—viz., "sword" for pioneers and "sword bayonet' for serjeants and rank and file.

¶ Not supplied to Highland regiments.

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Accoutrements—*continued.*

TABLE 3—*continued.*	Battalions and Regimental Depôts.
Slings, rifle...	1 per rifle.
Straps { V.E., patt. '82 { greatcoat and mess-tin ...	2 per valise, and 3 per warrant officer and staff serjeant.
Straps { V.E., patt. '82 { supporting and mess-tin	2 per valise.
Straps { water-bottle*	1 per water-bottle.
Valises, patt. '82, japanned	1 per non-commissioned officer and man, except staff serjeants.
Whistles	1 per serjeant major, colour serjeant, and serjeant.†

* Italian water-bottle carriages will continue in use until stock is issued and worn out.

† Not supplied to pioneer serjeant, or lance serjeants.

N.B.—Regimental depôts will have a permanent establishment of 196 sets of accoutrements.

Military Foot Police.

Accoutrements.

TABLE 3a	
Belts, waist, brown, V.E. patt. '82 .. { staff serjeants ...	1 per serjeant major.
Belts, waist, brown, V.E. patt. '82 .. { serjeants and rank and file.	1 per serjeant and rank and file.
Bottles, water, enamelled*	All ranks.
Frogs, brown, sword-bayonet, land service	1 per serjeant and rank and file.
Knots, sword, brown, infantry	1 per serjeant major.
Straps, water-bottle*	One per water-bottle.
Whistles, police	All ranks.

* Italian water-bottles, and their carriages, will continue in use until stock issued and worn out.

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Articles for Repair of Accoutrements.

TABLE 4.

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Vocabulary Section I. (2).						
Billets, black, pouch, V.E., patt. '82 ...	—	—	18	12	4	2
Billets, black, waist belt, without buckle	—	—	2	2	—	—
Billets, buff, pouch, V.E., patt. '82	18	12	—	—	4	2
Buckles, brass, brace, ring barred	18	12	18	12	4	2
Buckles, brass, brace, square, small inlet	18	12	18	12	4	2
Buckles, brass, frog	2	2	18	12	—	—
Buckles, brass, strap, V.E., great coat and mess tin	40	30	40	30	10	5
Buckles, brass, valise and front strap ...	18	12	18	12	4	2
Buckles, brass, waist belt, V.E., Infantry, patt. '82	18	12	18	12	4	2
Buckles, brass, waist belt, V.E., Infantry, O.P. ...	18	12	18	12	—	—
Buckles, iron, valise	36	24	36	24	8	4
Buckles, gilt, waist belt, Infantry	1	1	—	—	—	—
Buckles, silver plated, waist belt	—	—	1	1	—	—
Buttons, leather, sling, black	—	—	34	24	—	—
Carriages, waist belt, black, japanned, long	—	—	1	1	—	—
Carriages, waist belt, black, japanned, short ...	—	—	1	1	—	—
Carriages, waist belt, buff, Infantry ... long	1	1	—	—	—	—
Carriages, waist belt, buff, Infantry ... short ...	1	1	—	—	—	—
Catches, waist belt, brass, V.E. patt. '82	—	—	18	13	4	2
Catches, waist belt, brass, V.E. O.P. ...	—	—	18	12	—	—
Chapes, valise, patt. '82, black, $7\frac{1}{2}$ in. × $\frac{3}{4}$ in.	40	30	40	30	10	5
Chapes, valise, patt. '82, black, 4 ,, × $\frac{3}{4}$,,	36	24	36	24	8	4
Dees, brass, pouch, V.E....	36	24	36	24	8	4
Fronts, frog, black	—	—	16	11	4	2
Fronts, frog, buff	16	11	—	—	4	2
Hooks, brass, snake	—	—	18	13	—	—
Hooks, gilt, side, Infantry	1	1	—	—	—	—
Loops, brass, valise	18	12	18	12	4	2
Loops, brass, waist belt, V.E., long	18	13	18	13	4	2
Loops, brass, waist belt, V.E., triangular	36	24	36	24	8	4
Loops, gilt, waist belt, V.E., long, Infantry	1	1	—	—	—	—
Loops, gilt, waist belt, V.E., triangular ...	1	1	—	—	—	—
Loops, gilt, waist belt, with eye	1	1	—	—	—	—
Loops, silver plated, long	—	—	1	1	—	—
Loops, silver plated, triangular	—	—	1	1	—	—
Patches, leather, pouch, black	—	—	36	24	8	4
Patches, leather, pouch, buff	36	24	—	—	8	4
Patches, leather, waist belt, black	—	—	36	24	8	4
Patches, leather, waist belt, buff	36	24	—	—	8	

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Articles for Repair of Accoutrements—*continued.*

TABLE 4—*continued.*

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Pieces, leather. black: $7\frac{1}{2}$ in. × 2 in. (for sword frog) ...	—	—	1	1	—	—
black: $5\frac{1}{2}$,, × $\frac{3}{4}$,, (for waist belt) ...	—	—	36	24	8	4
black: $4\frac{1}{4}$,, × $1\frac{1}{8}$,, (for pouch) ...	—	—	36	24	4	2
black: 4 ,, × $\frac{3}{4}$,, (for rifle sling, and great coat and mess tin strap) ...	—	—	66	48	10	5
black: $2\frac{1}{4}$ in. × $\frac{1}{2}$ in. (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	—	—	40	30	10	5
black: $2\frac{1}{4}$ in. × $\frac{1}{2}$ in. (for valise) ...	40	30	40	30	10	5
buff: $7\frac{1}{2}$,, × 2 ,, (for sword frog) ...	1	1	—	—	—	—
buff: $5\frac{1}{2}$,, × $\frac{3}{4}$,, (for rifle sling and waist belt)	78	54	—	—	14	7
buff: $4\frac{1}{4}$,, × $1\frac{1}{8}$,, (for pouch) ...	36	24	—	—	4	2
buff: $4\frac{1}{4}$,, × $\frac{3}{4}$,, (for great coat and mess tin strap)	24	18	—	—	4	2
buff: 3 ,, × $\frac{1}{2}$,, (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	40	30	—	—	10	5
Safes, waist belt: black, V.E., patt. '82 ...	—	—	18	12	4	2
Safes, waist belt: buff, infantry, S. and R. and F., patt. '82.	18	12	—	—	4	2
Straps black: frogs	—	—	18	13	—	—
Straps black: V.E., patt. '82, valise ...	18	12	18	12	4	
Straps buff, frogs, infantry	18	13	—	—	—	—
Studs, brass, ammunition bag and pouch ...	33	23	33	23	8	
Thongs black	—	—	50	38	—	—
Thongs white	43	30	—	—	10	5

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Tools and Appointments, Pioneers.

N.B.—These appointments will not be supplied to Regimental Depôts.

TABLE 5.

	Battalions.										
	Sergeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
TOOLS.												
Vocabulary Section III.												
Axes { hand	...	...	...	...	...	...	1	1	1	1	1	5
Axes { felling	1	...	...	1	...	...	1	...	...	1	1	5
Axes, pick { heads, 2¾ lbs.	...	1	...	...	1	1	...	1	1	...	...	5
Axes, pick { heives, 29 inches	...	1	...	...	1	1	...	1	1	...	...	5
Bars, pinching, 2 feet 10 inches	...	...	1	...	...	...	...	...	...	...	...	1
Hooks, bill	...	1	1	1	1	1	...	...	...	...	...	5
Saws, hand, 20-inch	...	...	...	...	...	...	...	...	...	1	...	1
Shovels, light cast-steel	...	1	1	1	1	1	1	1	1	...	...	8
Tools { shoeing smiths ... sets*	...	...	...	...	...	...	...	...	...	...	1	1
Tools { small ... ,, †	1	...	...	...	...	...	...	...	...	...	...	1
Vocabulary Section V (1).												
Spikes, gun common	2	2	2	2	2	2	2	2	2	2	2	22
APPOINTMENTS.												
Vocabulary Section I. (2).												
Caps, hand axe, black‡ *or* brown§	...	...	...	...	...	...	1	1	1	...	1	4
Cases, black { bill hook	...	1	1	1	1	1	...	...	...	...	...	5
Cases, black { hand axe and 20-inch saw	...	...	...	...	...	...	...	...	...	1	...	1

* The shoeing smiths tools consist of:—

Vocabulary Section III.	No. 1 Case.	No. 2 Case.
Buffers, farriers	—	1
Hammers, farriers, shoeing	1	—
Knives, drawing, farriers	—	1
Pincers, farriers ... pairs	—	1
Rasps, farriers, 16-inch	1	—
Vocabulary Section IV.		
Nails, shoe, horse, No. 8	10	—

† The small tools consist of:—

Vocabulary Section III.	
Augers, screw, common, 1-inch, 17 inches long	1
Chisels { hand, cold, ¾-inch × 8-inch	1
Chisels { socket, 1¼-inch	1
Files, saw, 3 square, hand, 5½-inch	1
Hammers, claw, 20-oz.	1

‡ For rifles.
§ Except rifles.

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Appointments, Pioneers—*continued.*

TABLE 5—*continued.*	Battalions.										
	Sergeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
Cases — black with loops, tools — shoeing, black loops* *or* buff loops† ... — No. 1	...	...	...	...	...	...	...	...	...	...	1	1
Cases — black with loops, tools — shoeing, black loops* *or* buff loops† ... — ,, 2	...	...	...	...	...	...	...	...	...	...	1	1
Cases — black with loops, tools — small, black loops* *or* buff loops†	1	...	...	...	...	...	...	...	...	...	...	1
Cases — pinching bar, black* *or* buff† — butt ...	...	...	1	...	...	...	...	...	...	...	...	1
Cases — pinching bar, black* *or* buff† — point ...	...	...	1	...	...	...	...	...	...	...	...	1
Frogs, black* *or* buff,† hand axe	...	...	...	...	...	...	1	1	1	...	1	4
Pouches, ammunition, brown (for gun spikes)‡ ...	...	1	1	1	1	1	1	1	1	...	...	8
Straps, black* *or* buff,† V.E., O.P., mess tin (for connecting felling axes, picks, and shovels).	...	2	...	2	2	2	2	2	2	...	...	14
Vocabulary Section IV.												
Aprons, basil, brown	...	...	...	...	...	...	...	...	...	...	...	2§

* For rifles.
† Except rifles.
‡ No pouch is issued for the sergeant pioneer, nor for Nos. 9 and 10, as their gun-spikes are carried in pockets on their respective leather cases.
§ For shoeing smiths of battalions which have regimental transport.

Regimental Transport.

(*Referred to in paragraph* 27, *Part* 1.)

The consumable materials in this Table are a six months supply.

TABLE 6.	Per Battalion.	Remarks.
CARTS AND WAGONS.		
Vocabulary Section II. (1).		
Buckets, water, G.S., leather	3	
Vocabulary Section II. (2)		
Carts, forage	1	
Covers — cart, forage	1	
Covers — wagon, G. S.	1	
Hoops, bale — cart, forage ... ... sets	1	
Hoops, bale — wagon, G. S. ... ... ,,	1	
Jacks, lifting, G.S.	1	
Swingletrees, No. 3	4	
Wagons, G.S., lock under (Mark III. or IV., with pole)	1	

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Regimental Transport—*continued.*

TABLE 6—*continued.*	Per Battalion.	Remarks.
HARNESS AND SADDLERY.		
Vocabulary Section II. (3)		
HARNESS AND SADDLERY.		
Harness, transport, wheel { near ... ... sets	1	For details of sets, *see* Table 7.
off ... ... ,,	1	
Saddlery, universal, R.A. ... ... ,,	1	
,, ,, ,, ... ,, (with breast piece and front supporting straps)	1	Taken from used saddlery in store.
Reins, driving ... ... pairs	1	
Rings, clip	4	
Straps { back	2	
breeching ... ... sets	1	
Traces, harness, short ... ... pairs	2	
Whips, driving	1	
PACKSADDLERY.		
G.S., Mark III., small ... ... sets	2	For detail of sets, *see* Table 7.
STABLE NECESSARIES.		
Vocabulary Section II. (3)		
HARNESS AND SADDLERY.		
Bags, nose, G.S.	5	For duration of these articles, see Section XV., Part 1.
Brushes { harness, hard	2	
horse	5	
Combs, curry	5	
Pickers, hoof	3	
Sacks, corn, 4-bushel	1	
Sponges, G.S.	5	
Vocabulary Section III.		
Scissors, trimming	3	See preceding remark.
CLEANING MATERIALS AND MISCELLANEOUS ARTICLES.		
Vocabulary Section IV.		
Brushes, water, carriage	1	
Grease, Field's (for wheels) ... ... lbs.	14	
Linen, old (for cleaning) ... ... ,,	1½	
Oil, rape (for harness) ... ... qts.	1	
Pans, oil	1	
Soap, soft ... ... lbs.	28	
Vocabulary Section V. (1)		
Pins, linch, 3rd class (spare)	2	
Ropes, drag, light ... ... pair	1	
Washers, drag, 3rd class (spare)	2	
Vocabulary Section VI.		
Dubbing ... ... lbs.	3	

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Harness, Saddlery, and Packsaddlery.

TABLE 7.	No. per set of Harness, Transport, Wheel. Near.	Off.	Saddlery, Universal, R.A.	Remarks.
Vocabulary Section II. (3.)				
HARNESS AND SADDLERY.				
Bands, back, 1¾-in.	...	1	...	
Bits — bridoon	1	1	1	
Bits — portmouth, harness, with bridle head	1	1	...	
Bits — portmouth, saddlery, with bridle head and reins	...	...	1	
Blankets, saddle	...	...	1	Will not be taken into use until stock of universal pannels is used up.
Breastpieces	...	...	1	
Breechings — near, with strap	1	...	...	
Breechings — off	...	1	...	
Cases, horse-shoe — harness	2	2	...	
Cases, horse-shoe — saddlery	...	...	2	
Chains, collar	1	1	1	
Collars — head	1	1	1	
Collars — neck	1	1	...	
Cruppers — harness	1	1	...	
Cruppers — saddlery	...	...	1	
Frogs, sword, saddle	...	...	1	1st Army Corps only.
Girths — leather	...	...	1	
Girths — web	1	1	...	
Hames, with rings ... ... pairs	1	1	...	
Irons, stirrup, G.S.	2	...	2	
Leathers, stirrup	2	...	2	
Leggings, drivers	1	...	...	
Logs, horse...	1	1	1	
Numnahs, felt	1	1	1	
Pannels — iron arch saddles, universal, pairs	...	...	1	To be replaced by blankets, saddle.
Pannels — wood arch saddles, O.P. — drivers, transport ... pairs	1	...	...	
Pannels — wood arch saddles, O.P. — luggage, transport ... pairs	...	1	...	
Pieces, buckling, 1-in.	1	1	...	
Reins — bearing	1	...	...	
Reins — bridoon	1	1	1	
Reins — leading	...	1	...	
Reins — side	...	1	...	
Saddles — iron arch, universal, angle ...	...	...	1	
Saddles — wood arch — drivers, transport ...	1	...	...	
Saddles — wood arch — luggage ,, ...	...	1	...	
Skins, sheep — harness	...	1	...	
Skins, sheep — saddlery	...	...	1	
Straps — cloak — and wallet	2	...	2	
Straps — cloak — centre	1	...	1	
Straps — flank	2	2	...	
Straps — girth	...	...	4	
Straps — hame	1	1	...	
Straps — shoecase	2	2	2	
Straps — supporting — front	...	...	2	
Straps — supporting — rear	...	...	1	

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Harness, Saddlery, and Packsaddlery—*continued.*

TABLE 7—*continued.*

	No. per set of Harness, Transport. Wheel. Near.	Off.	Saddlery, Universal, R.A.	Remarks.
Straps trace	...	...	2	
Straps wither, 1-in.	1	1	...	
Surcingles, leather, harness	1	...	1	
Traces harness short ... pairs	1	1	...	
Traces harness wheel ... ,,	1	1	...	
Traces saddlery ... ,,	...	...	1	
Tugs back band	...	2	...	
Tugs trace	...	...	2	
Wallets iron arch saddles, universal, pairs	...	...	1	
Wallets wood arch drivers ... pairs	1	...	...	
Wallets saddles luggage ... ,,	...	1	...	
Whips, drivers	1	...	...	

PACKSADDLERY, GENERAL SERVICE.	No. per set.	
Bits, bridoon	1	
Breechings	1	
Chains, collar	1	
Collars breast	1	
Collars head	1	
Cruppers	1	
Girths ... pairs	1	
Pannels ... ,,	1	
Reins, bridoon	1	
Ropes, Mark III. ... pairs	2	Or Straps, baggage.
Seats	1	
Straps, girth	4	
Surcingles	1	
Trees	1	

Signalling Equipment.

TABLE 8.	Per Battalion.	Remarks.
Vocabulary Section IV.		
Books Manual of instruction	4	119 A., with 2 sheets of carbon paper each. On waist belt.
Books Message forms	4	
Bottles, tin, oil, with screw top, 2 quarts	1	
Cases, message book	2	
Chests, signalling stores	1	
Flags, signalling, army — blue 3 feet square	4	
Flags, signalling, army — blue 2 ,, ,,	4	
Flags, signalling, army — white, with stripe 3 feet square	4	
Flags, signalling, army — white, with stripe 2 ,, ,,	4	
Flags, signalling, army — Poles 5 feet 6 inches	10	
Flags, signalling, army — Poles 3 ,, 6 ,,	10	

* Suppl ed by Stationery Office.

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Signalling Equipment—*continued.*

TABLE 8—*continued.*	Per Battalion.	Remarks.
Heliographs, 5-inch (with stand)*	2	
Horns, fog	2	
Lamps, bull's eye, signal (with stand)	4	
Locks, pad, iron, small	1	
Methylated spirits* ... ... pints	12‡	
Oil, colza† ... ... pints	30§	
Oxygen mixture*... ... ... lb.	24‡	
Tubing, india rubber, ⅜-inch*... ... ... yards	10	
Wheels, cypher	2	
Wick common*... ... ... lb.	2‡	
Wick round, 1¼-inch† ... ... yards	10§	
Vocabulary Section VI.		
Cotton, waste ... ... lbs.	3§	
Scissors, lamp	4	Including 2 for limelight apparatus.*
Vocabulary Section VII. (1)		
Apparatus, limelight* — Bags — gas	4	
Apparatus, limelight* — Bags — pressure	2	
Apparatus, limelight* — Bottles, cleansing gas	2	
Apparatus, limelight* — Cases — brass	2	
Apparatus, limelight* — Cases — iron	2	
Apparatus, limelight* — Cases — tin	2	
Apparatus, limelight* — Cylinders, lime pencils	2	
Apparatus, limelight* — Flasks	2	
Apparatus, limelight* — Lamps	2	
Apparatus, limelight* — Pencils ... ... doz.	2	
Apparatus, limelight* — Retorts, copper	4	
Stands, telescope, signalling	2	
Telescopes, signalling	2	

* To be returned to store on embarkation of battalion for India.
† Supplied by Army Service Corps.
‡ Twelve months supply.
§ Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion.

Range-finders.

TABLE 9.	Per Battalion.	Remarks.
Vocabulary Section V. (1).		
Range-finders, field — Watkin, small, with appurtenances — Class I. (As defined in Appendix VI., Part 1.)	1	The Watkin or the Weldon range-finder will alone be supplied; not both.
Range-finders, field — Watkin, small, with appurtenances — ,, II. (As defined in Appendix VI., Part 1.)	1	
Range-finders, field — Weldon ... — ,, I. (As defined in Appendix VI., Part 1.)	1	
Range-finders, field — Weldon ... — ,, II. (As defined in Appendix VI., Part 1.)	1	

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Musical Instruments.

TABLE 10.	Battalions.	Regimental Depôts.	Remarks.
Vocabulary Section I. (3.)			
Bugles ... ... } **Strings**, bugle, Royal or green* }	8	2†	2 per company in light infantry and rifles
Cases { drum, brass, large	8	2	These (except tuning forks and pitch pipes) are not supplied to Light Infantry or Rifles.§
Cases { flute { B	6	2	
Cases { flute { F	2	...	
Cases { piccolo { (E♭)	1	...	
Cases { piccolo { (F)	1	...	
Drums { side, brass, large	8	2	
Drums { ,, sticks ... ... pairs	8	2	
Drums { silent‡	4	1	
Flutes { B	6	2	
Flutes { F	2	...	
Piccolos { E♭	1	...	
Piccolos { F	1	...	
Pitch pipes	1	1	
Tuning forks	1	1	

* Regiments termed "Royal," or designated as "King's," "Queen's," "King's Own," "Queen's Own"; also the Guards, and the Somerset Light Infantry, have *Royal* strings; the remainder, including the Rifles, have *Green* strings.

† Two bugles in addition are allowed to regimental depôts when both battalions are abroad.

‡ The Service drum-sticks are to be used with the silent drums.

§ Nor to regimental depôts composed partly of light infantry. A drum with sticks is allowed to light infantry regimental depôts, and regimental depôts composed partly of light infantry, for beating time in drilling recruits.

Camp Equipment and Intrenching Tools.

Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Appendix III., Part 1.

Tools, Artificers, and Opening Packages.

TABLE 11.	Battalions.	Regimental Depôts.	Remarks.
Vocabulary Section III.			
Chests, tool, filled* { No. 1 B	2	...	For details of contents of chests, *see* Appendix V., Part 1.
Chests, tool, filled* { ,, 3 B	3	...	
Chests, tool, filled* { ,, 6 B	1	...	
Chests, tool, filled* { ,, 11 D	1	...	
Chests, tool, filled* { ,, 12 C	1	...	
Chests, tool, filled* { ,, 12 D	1	...	
Forges, armourers, Martini-Henry	1	...	
Chisels, ripping	1	1	Opening packages
Drivers, screw, G.S., 9-inch	1	1	
Hammers, fitters, 24-oz.	1	1	
Knives, laboratory	1	1	

* Only issued on the special authority of the Secretary of State, and provided there are qualified tradesmen to use them. *See* paragraph 238, Part 1.

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Stencil Brushes and Plates, and Stamps.

TABLE 12.	Battalions.	Regimental Districts.	Remarks.
FOR BLACK ACCOUTREMENTS.			
Vocabulary Section VI.			
Stamps, steel, for wood, $\frac{1}{4}$-inch — figures, 0 to 8 ... sets	1	1	
Stamps, steel, for wood, $\frac{1}{4}$-inch — letters, 1 letter (D) ...	...	1	
FOR BUFF ACCOUTREMENTS.			
Vocabulary Section IV.			
Typeholders	2	2	
,, Blocks	6	6	
,, Type, figures, $\frac{1}{4}$ inch — (Battalions)	1	...	
,, Type, figures, $\frac{1}{4}$ inch — (Regimental District)	...	1	
Vocabulary Section VI.			
Stamps, brass or gunmetal on wood — figures, sets 0 to 8, $\frac{1}{4}$-inch ...	1*	1*	
Stamps, brass or gunmetal on wood — letters — 1 letter — $\frac{1}{4}$-inch (regimental initial)	1	...	
Stamps, brass or gunmetal on wood — letters — 1 letter — $\frac{3}{16}$-inch (regimental terminal)	1	...	
Stamps, brass or gunmetal on wood — letters — 2 letter, $\frac{1}{4}$-inch (R.D.) ...	...	1	
FOR VALISES.			
Brushes, stencil	...	...	2 per company.
Plates, stencil, paper	...	...	2 per company.
FOR SMALL ARMS.			
Vocabulary Section VI.			
Stamps, steel — for metal — figures, sets 0 to 8, $\frac{1}{8}$-inch ...	‡	...	The ordinary stamps required for marking arms are included in the detail of the armourers forge, *see* Appendix IV., Part 1.
Stamps, steel — for metal — letters — 1 letter — $\frac{1}{8}$ inch (regimental initial)	‡	...	
Stamps, steel — for metal — letters — 1 letter — $\frac{5}{64}$-inch (regimental terminal)	‡	...	
Stamps, steel — for metal — letters — 2 letter, $\frac{1}{8}$-inch (R.D.)†	...	...	
Stamps, steel — for wood, letters, 2 letter, $\frac{7}{64}$-inch (R.D.)†	...	...	

* These stamps, where already in possession, should be retained.

† The letters R.D. will be issued on demand for the use of armourers employed in marking the arms of Regimental Districts.

‡ These stamps will be issued on loan, as required, under paragraph 278, Part 1.

N.B.—The "Guards will have also the letters G., C. G., or S. G., one per battalion.

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Miscellaneous Stores and Instruments.

The consumable materials in this table are a 12 months supply.

TABLE 13.	Battalions.
Vocabulary Section I.	
Chests, rifle, spare*	1 per company (*see* paragraph 129, Part 1.)
Vocabulary Section III.	
Implements, intrenching	For battalions belonging to 1st Army Corps 50 per cent., and for other battalions 15 per cent. of rank and file, exclusive of pioneers and band. (*See* paragraph 250, Part 1.)
Vocabulary Section IV.	
Bags, squad†	1 per 25 N.C. officers and men.
Chests, schoolmasters	1 per battalion.
Nails, iron, shoe, horse	*See* Shoes, horse.
Shoes, horse (spare)	For general instructions to guide the supply of horse shoes and nails, *see* paragraphs 204 to 209, Part 1.
Vocabulary Section VI.	
Dubbing...	½ lb. per squad bag.
Handcuffs, common ... ... pairs	1 per company‡ and 1 spare per battalion
Vocabulary Section VII. (1).	
Instruments, drawing, musketry instructors...	1 per battalion.

* Any in possession that are not now accounted for, are to be taken on charge in the current equipment ledger.

† To be returned to store on embarkation of battalion for India.

‡ 1 per regimental depôt company.

Instruments for Field Sketching.

(*Referred to in paragraph* 253, *Part* 1.)

TABLE 14.	Per Battalion.	Remarks.
Vocabulary Section VII.		
Cases, sketching, R.M.A.	2	
Compasses magnetic, pocket	6	
Compasses prismatic	2	
Compasses drawing, shifting leg, pen and pencil legs, in case	3	
Protractors, ivory, 6 inch	6	
Scales, mathematical, No. 3, Marquoi ... ... sets	3	
Conventional signs	6	

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Machine Guns.

(*Referred to in Paragraph* 136, *Part* 1.)

For Machine Gun Detachments as authorised.

TABLE 15.	Proportions. With 1 gun.	Proportions. With 2 guns.	Remarks.
Vocabulary Section II. (3).			
Harness, machine gun, Infantry ... ... sets	1	2	For details, *see* Table 16.
Vocabulary Section V. (1).			
Carriages, machine gun	1	2	
Guns, machine	...	...	As authorised.
Pins, linch, 3rd class	1	1	Spare.
Ropes, drag, light	2	4	
Straps, securing, 1 in × 44 in.	1	2	
Swingletrees, machine gun, Infantry	1	2	
Washers, drag, carriage, R.M.L. 7-pr., mountain	1	1	Spare.

Harness for Machine Guns.

TABLE 16.	Detail of complete set.	Remarks.
Vocabulary Section II. (3).		
HARNESS AND SADDLERY.		
Bands, back, $1\frac{3}{4}$-inch	1	
Bits — bridoon	1	Not worn with the portmouth bit.
Bits — portmouth — reversible	1	
Bits — portmouth — ,, Heads, bridle	1	
Breechings, machine gun, off	1	
Cases, horseshoe, harness...	1	
Chains, collar	1	
Collars — head	1	
Collars — neck	1	
Cruppers, machine gun	1	
Girths, leather	1	
Hames, with rings... ... ... pairs	1	
Logs, horse	1	
Numnahs, felt	1	
Pannels, iron arch saddles, luggage ... pairs	1	
Pieces, buckling, machine gun...	1	
Reins — bearing, A.S. Corps	1	
Reins — bridoon	1	
Reins — leading, machine gun...	1	

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Harness for Machine Guns—*continued.*

TABLE 16—*continued.*	Detail of complete set.	Remarks.
Saddles, iron arch, luggage	1	
Straps flank, machine gun, 19-inch... ...	2	
Straps girth	4	
Straps hame, A.S. Corps	1	
Straps shoe case	2	
Straps wither, 1-inch	1	
Surcingles, leather harness	1	
Traces, machine gun, off... ... ... pairs	1	
Tugs, backband, machine gun near, Infantry	1	
Tugs, backband, machine gun off	1	
Wallets, iron arch saddles, luggage ... pairs	1	
Whips, drivers	1	

TABLE 17. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
239	Regimental equipment	Account ledger.
Forms.		
G 820	Arms	Requisition.
G 830	Arms	Receipt and issue voucher.
G 829	Materials for repairing arms	Requisition.
G 828	Materials for repairing arms	Receipt and issue voucher.
G 825	,, browning arms	Requisition.
G 822	,, browning arms	Receipt and issue voucher.
G 952	Accoutrements and pioneers appointments	Requisition.
G 951	Accoutrements and pioneers appointments	Receipt and issue voucher.
G 957	Materials for repairing accoutrements	Requisition.
G 956	Materials for repairing accoutrements	Receipt and issue voucher.
G 1041	Signalling Implements, and Musical Instruments	Requisition.
G 1040	Signalling Implements, and Musical Instruments	Receipt and issue voucher.
G 968	Camp equipment	Requisition.
G 971	Camp equipment	Receipt and issue voucher.
G 973	Camp equipment	Account (*temporary use*).
G 997	Equipment in general (*blank*)	Requisition.
G 1033	Equipment in general (*blank*)	Receipt and issue voucher.
P 1925	Equipment in general (*blank*)	Expense voucher.
F 754	Equipment in general (*blank*)	Convoy note.
G 980	Equipment in general (*blank*)	Carrier's note.
G 1027	Materials for repair in general (*blank*)	Requisition.
G 815	Ammunition, small arm	Requisition.
G 814	,, ,, ,, for recruits	Requisition.
G 804	,, blank, for reviews ...	Requisition.
G 809	,, ...	Receipt and issue voucher.

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Despatch No.....

U. S. LEGATION,
LONDON.

August 15 1892

Major J. O. ROSS,
Corps of Eng'rs.
Military Attaché.

MILITARY INFORMATION DIVISION, A. G. O.

SECTION.	SUBJECT.
SHELF.	EQUIPMENT GREAT BRITAIN.

WAR DEPARTMENT,
ADJ'T GENL'S OFFICE.
MILITARY INFORMATION DIVISION

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REGULATIONS

FOR THE

EQUIPMENT OF HER MAJESTY'S ARMY.

PART 3.

WAR.

WAR OFFICE, 1893.

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PART 3.—GENERAL REGULATIONS.

WAR.

I.—INTRODUCTORY.

1. In the Tables of Details appended to Part 3, provision is made for the equipment of units on war establishment, as given in Field Army Establishments, 1892, and under normal conditions. Tables of Details.

2. In the absence of orders to the contrary, Officers Commanding units allotted to the Field Army will on mobilization demand stores according to the scales given. Demands.

3. A portion of the war equipment is held by units in peace as shown in Part 2—the balance (termed "Mobilization Stores") is held by the Ordnance Store Department at the stations named in the Mobilization Tables. Custody of.

4. The stores supplied by the Ordnance Store Department to units on mobilization are comprised under three heads, viz. :— Classification of mobilization stores.

1. Personal equipment.
2. 1st Regimental equipment.
3. 2nd Regimental equipment.

The articles included under each head are indicated in the Tables of Details.

Broadly considered—

Personal Equipment comprises arms and accoutrements.

1*st Regimental Equipment* comprises all stores supplied by the Ordnance Store Department, other than those included under Personal or 2nd Regimental Equipment.

2*nd Regimental Equipment* comprises small-arm ammunition, tents (for service abroad), and the vehicles which carry them ; vehicles which belong to ammunition columns ; ambulance wagons, supply wagons, and water-carts.

5. Each general service wagon, forage cart, or pack animal is equipped with certain stores, termed "wagon" Wagon, cart, and pack stores.

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"cart" or "pack" stores (as the case may be). Lists of these stores are given in the Tables of Details.

Wagon and cart stores will always accompany the vehicle for which they are supplied, and they will be considered as "1st" or "2nd" Regimental equipment according to the classification of the vehicle to which they appertain, and will be stored and demanded accordingly. Pack stores are always "1st Regimental equipment."

Issues.

6. When troops are actually in the field, it may not be always possible or advisable to meet requisitions sent in, even though they are according to scales laid down. Many circumstances may affect this matter, such as the state of the reserves; priority of claim, having due regard to the Service as a whole; and special circumstances of which Commanding Officers may not be cognizant. All these must be taken into consideration before stores are issued according to scales given in the tables.

7. When it becomes likely that the stores in Ordnance Store charge will become insufficient to meet demands made on scales laid down, it will be the duty of Ordnance Store Officers to bring the circumstances to the notice of the General Officer Commanding, and to take his orders thereon as to what proportions shall be issued.

II.—DUTIES OF OFFICERS.

Duties of General Officers Commanding Districts.

G.O.C. to facilitate issues.

8. When mobilization has been ordered, General Officers Commanding Districts will facilitate by all possible means the speedy issue of mobilization stores in their districts held for, and demanded by units named in the Mobilization Tables, wherever these units may be stationed at the time they make their demands.

Instructions for issuing stores.

9. The Regulations for Mobilization contain detailed instructions to all concerned as to sending for these stores, and in the event of several units waiting to receive their stores, the senior officer on the spot will decide in what order they are to be supplied.

Peace Establishment to be kept up.

10. Equipment in possession of units in peace should be complete up to peace establishment, and in a condition efficient for war, and on this basis the balance held by the Ordnance Store Department is estimated and provided.

Unserviceable articles in possession.

11. In the event, however, of any articles in possession being found on mobilization unserviceable for war, they must be replaced by serviceable stores, so far as the demand can be met from the general stock kept by the Ordnance Store Department in the district. The General

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Officers Commanding Districts will decide as to priority of issue in doubtful cases, due consideration being given to the requirements of all units drawing from the store stations in question.

Duties of Commanding Officers.

12. The Commanding Officer of a "unit," as defined in the Regulations for Mobilization, is an accountant to the War Office. C.O. as accountant.

13. Whenever in the field it has been decided to constitute an independent detachment, or irregular levy, or corps, into an accounting body, or when an individual officer is detailed to act in an independent capacity, the fact will be announced in the General Orders of the force. The Senior Ordnance Store Officer at the Head Quarters of the force will furnish the necessary account books and forms, with instructions, to the corps or officers concerned, pointing out when the first accounts will be due. Detachment as accounting body, &c.

III.—ESTIMATES FOR EQUIPMENT.

14. Equipment is provided in these regulations for units up to war establishment, and consumable articles (except ammunition) for 3 months' supply. Consumable articles.

15. In the field, estimates of probable requirements will be sent to Senior Ordnance Store Officers of Divisions (or of the Line of Communication, in the case of Line of Communication troops, if on service abroad) in time to admit of stores being brought up as required. Estimates when forwarded.

16. On service abroad neither reserve nor spare stores will be kept available for issue beyond the advanced depôt. Reserve or spare stores.

17. It must be borne in mind that regimental transport is provided only for the articles named in the Tables of Details. Regimental transport.

IV.—REQUISITIONS FOR EQUIPMENT.

18. The Ordnance Stores required by each unit on mobilization are shown in "Mobilization Store Tables," which are issued to officers commanding units. Copies of these tables are kept with the stores for each unit, as are also receipt and issue vouchers, on Army Forms, G. 1087 to G. 1095, according to the service concerned, which will be passed in the usual manner. Demands for mobilization stores.

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Transfers.

Home Defence, Garrison, and unallotted units.

19. Units allotted to Garrisons for Home Defence and unallotted units for Home Defence will demand articles of personal equipment only (cavalry will also demand saddlery), in the proportions given in the Tables of Details for the Field Army. The other stores required will be arranged for, as directed in the Regulations for Mobilization.

Conveyance of stores.

20. The unit which demands the stores will arrange for their conveyance as directed in the Regulations for Mobilization.

Deficiencies on receipt.

21. In the event of any deficiency of, or injury to, stores being discovered on their arrival at the unit, demands will be at once sent in to make good what is required. These demands will be met at once if the general store admits. The matter will be reported to the General Officer Commanding the District, if necessary, for after adjustment.

Staff units.

22. Equipment for staff units (including Military Police) will be demanded by one officer per staff, who will be the accounting officer, and who will be detailed for this purpose by the General or other Officer Commanding the unit.

Issues on payment.

23. On active service, when necessary articles of equipment are not otherwise procurable, the General Officer Commanding may allow such to be issued to officers on payment when the store admits; the transaction will not appear in the regimental accounts. Departmental expenses will not be added.

Personal equipment.

24. When detachments are despatched for active service, they will take with them their complete personal equipment, which will be transferred in the manner laid down in paragraph 25.

V.—TRANSFERS.

Disposal of arms and accoutrements.

25. Military Staff Clerks, all ranks of the Medical Staff Corps, and Ordnance Store Corps, and 1st Class Staff Serjeant-Majors, dismounted warrant officers, and men of the Army Service Corps, will take their arms and accoutrements with them on transfer from one unit to another. Regular vouchers will be passed from one accountant to another for arms and accoutrements so transferred.

26. In all other cases, men transferred will leave their arms and accoutrements with the units in which they have been serving, and they will be provided with fresh equipment on joining their war unit.

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Return of Equipment.

Men sent from their unit to the depôt on mobilization will leave with their units the personal equipment already in possession.

VI.—RETURN OF EQUIPMENT INTO STORE.

Surplus stores

27. All stores which are surplus to the war establishment, and which do not accompany men sent from the unit to the depôt on mobilization, will be returned to the nearest Ordnance Store, but this is not to delay the issue of mobilization stores to the unit.

In the field.

28. Stores should not be returned by units to the Ordnance Store Department in the field, unless they are not likely soon to be required again, or cannot be carried.

Convoy notes.

29. When stores are forwarded by convoy or under escort, convoy notes, Army Form F 754, will be delivered to the officer commanding the convoy or escort, who will satisfy himself that the numbers of packages agree with the account given to him, and, together with the consignor, will sign the convoy notes made out in triplicate. One of the notes will be retained by the consignor, and the other two will be handed over to the officer commanding the escort, or to the 1st class Staff Serjeant Major, who will give one to the consignee and obtain his receipt on the other, which he will retain. The day and hour of departure will be inserted upon the convoy notes by the consignor.

Receipt vouchers.

30. If when stores are received from a unit, the regular receipt vouchers are not forthcoming, the stores will nevertheless be accepted at the risk of the consignor, to whom the Ordnance Store Officer will report the omission. The consignor will then furnish the necessary vouchers without delay.

Deficiencies

31. When the packages do not agree with the convoy notes, or appear to have been tampered with, the consignee will inquire into the cause. If the discrepancy appear to arise from negligence or fraud, such measures will be taken as may be requisite, in order that the offender may be punished. If it appear to arise from just and fair causes, the consignee will obtain a certificate of the cause of any such deficiency, damage, or loss, before the officer in command of the escort or the 1st class Staff Serjeant Major is discharged. Should a court of inquiry seem to be necessary, the consignee will apply for one to the General Officer Commanding.

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VII.—ISSUE OF STORES ON BOARD SHIP.

Charge of.

32. When Ordnance Store Officers embark with stores consigned to the Ordnance Store Department, such stores will be in charge of the Master of the ship, in accordance with the bill of lading signed by him, and the owners are liable for any loss or damage.

Issue during voyage:

33. If there be troops on board, and if during the voyage the Commanding Officer should require, on emergency, an issue to the troops of any articles consigned to the Ordnance Store Department, he will make requisition on the Ordnance Store Officer, certifying in writing that the urgency of the service demands a departure from the general rule. The Ordnance Store Officer will then apply to the Master for the packages required, and give him a receipt on the Master's bill of lading for such as he may receive. He will afterwards take receipts from the Commanding Officer for all stores so issued, and hand them, with a report of his proceedings, to the Senior Ordnance Store Officer at the port of debarkation on arrival. Stores issued to the troops under these circumstances will be accounted for by the Commanding Officer.

VIII.—BOARDS OF SURVEY AND COURTS OF INQUIRY.

Boards for condemnation of stores.

34. Condemnations of stores must be supported by proceedings of Garrison Boards on Army Form No. A 2, where Boards are requisite.

Prompt investigation of loss of equipment.

35. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the Commanding Officer will at once bring the circumstance to the notice of the General Officer Commanding, through the Adjutant General's Department, in order that it may be investigated by a court of inquiry, and, in the event of such Court not duly making a report on the subject, he will not be relieved of liability for any loss that may have occurred. The Court will be composed, if possible, of officers not belonging to the corps interested. If there be an Ordnance Store Officer available, who is not the Senior Ordnance Store Officer of the Division, he will serve as a member.

The proceedings of the Court of Inquiry will be transmitted in duplicate by the President, direct to the Senior Ordnance Store Officer of the Division, who will see that they are complete and then submit them, with his views, to the General Officer Commanding. After

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the General Officer Commanding has recorded his decision, the Senior Ordnance Store Officer will send one copy to the Officer Commanding the corps concerned, to serve as his covering authority to demand new articles to replace those lost or damaged. The Commanding Officer will append this copy to his requisition for the supply.

When supply is necessary before the General Officer has given his decision, the Commanding Officer's copy of the proceedings will be noted, as soon as he receives it, and passed on to the Ordnance Store Officer, quoting the requisition on which the issue was made, to which it will then be attached.

The duplicate copy will be sent by the Senior Ordnance Store Officer to the local Auditor of Army Accounts, or, if there is no such appointment, to the Adjutant General to the Forces, Horse Guards.

Should the loss or damage form the subject of a charge before a Court Martial, two copies of the finding of the Court, and confirmation of the General Officer Commanding, will be sent by the Commanding Officer to the Senior Ordnance Store Officer as soon as possible, for attachment to the original and duplicate proceedings.

Special stores.

36. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Royal Engineers, Medical Department, or any particular service, the written opinion of the local head of the Service or Department concerned should be taken before the matter is finally dealt with by the General Officer Commanding, and will form part of the proceedings.

IX.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST CORPS.

Ledgers.

37. Accountants, while on active service, will record in their equipment ledgers all transactions connected with ammunition and stores. Consumable articles drawn for expenditure will not be inserted.

Articles lost or destroyed.

38. Articles of equipment lost or destroyed, and chargeable to the troops, will be struck off charge by a voucher, on which will be quoted the date and number of the cash voucher to the Pay List in which credit for their value is given.

Transfer of equipment.

39. No articles of equipment will be transferred from one equipment ledger charge to another, except under authority of the General Officer Commanding, obtained through the Senior Ordnance Store Officer. Such transfer will be supported by vouchers upon which the authority for the transfer should be quoted. When either of the

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officers concerned desires that an Ordnance Store Officer should be present at the transfer, one will be directed to attend, if available, on application. In the case of units belonging to different branches of the Service, the receipt and issue vouchers will be passed under cover to the Senior Ordnance Store Officer of the Division, who will countersign them and pass them to the respective accountants. Vouchers will likewise be passed for all equipment that may be taken by men detached from their corps, but not permanently transferred, to serve with another corps also in the field. The above does not refer to transfers of equipment from one Commanding Officer to another on a change of command, which are governed by paragraph 9, Part I.

Charges for damages, &c.

40. The value of all arms, accoutrements, and other stores rendered unserviceable by neglect or carelessness, will be recovered from the soldiers chargeable, and credited in the regimental accounts. Charges will be made only for the proportionate value of the unexpired period of wear, except in cases of wilful damage, when they will be assessed according to the extent of such damage. Not less than half-price will be charged for any article wilfully or carelessly lost and for which the soldier has been held liable, although it may have been in use the prescribed period of wear.

The amount to be charged on account of any one arm will not exceed 40*s.*, and the period of wear will be taken as 12 years for the purpose of assessing charges for arms, bayonets (sword and triangular), and swords; also for any other article of equipment for which no period of wear has been fixed.

Payment by non-accountants.

41. When Officers against whom claims are made have no cash account with the War Office, payment will be made by them to the District Paymaster.

Loss by desertion.

42. When articles of equipment are ascertained to have been lost through desertion, they will be struck off charge by voucher Army Form P 1925, on which will be stated the Regimental number, rank, name and date of desertion of each man, as well as, in detail, the articles taken by him, and the value of each article. These articles and their respective values will be entered on Army Form P 1963, and will be charged against the deserter, and credited to the public in the current pay list of the squadron, battery, or company.

Deserter rejoining.

43. In the event of a deserter, on rejoining, being in possession of any of the articles of equipment charged against him on desertion, as directed in paragraph 42, the articles brought back by him will be taken on charge in the equipment ledger, and the amount which was charged against the soldier on desertion will be credited to him

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for such articles as are in a serviceable condition, and will be admitted as a charge against the public, if supported by a reference to the pay list and the voucher on Army Form P 1963 on which the amount was credited to the public at the time of desertion.

Return of stoppages.

44. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any soldiers liable to make good the value of articles of equipment under paragraphs 40 to 43. The stoppage returns will be made out by squadrons, batteries or companies. In the cavalry and infantry the amount due from each squadron or company will appear in Regimental Orders for the month in which the stoppages are recoverable from the soldier, and will be credited in the pay list for the month, the returns being annexed as vouchers

Losses through glandered horses.

45. The order sanctioning the destruction of a glandered horse will be quoted as the authority for striking off charge portions of harness or saddlery destroyed in order to prevent infection.

Balancing and rendering of accounts.

46. Equipment Accounts will be balanced half-yearly (to 30th September and 31st March) and rendered, with their supporting vouchers, to the local Auditor of Army Accounts or, if there is no such appointment, to the Secretary of State for War, War Office.

X.—ARMS AND ACCOUTREMENTS.

Disposal of Arms, Ammunition, and Accoutrements of Sick and Wounded in the Field.

Charge of equipment of men in hospital.

47. The arms, accoutrements, and ammunition of men received into hospital in the field will be taken charge of by the Army Medical Department in the first instance, as directed in paragraphs 627, 628, 629, 637, and 656, Regulations for Army Medical Services, Part I.

If the man is likely to return to his duty soon, his equipment will be retained by the Army Medical Department, and returned to the man on his discharge to duty.

If the man is not likely to be again fit for duty at the front, his equipment will be handed over to the nearest Ordnance Store Depôt.

The Officer in charge of the hospital, from which arms, &c., of patients are returned to store, will pass delivery and receipt vouchers, Army Form No. G 1033 (which will show the corps to which the equipment belongs), with the Ordnance Store Officer to whom he hands the equipment. The Ordnance Store Officer will send a duplicate receipt to the officer commanding the corps concerned, to enable him to clear his charge.

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Supply for Armed Drafts proceeding on Active Service.

48. Men selected for drafts proceeding to join a force engaged on active service abroad will take with them the arms and accoutrements already in their possession, which arms and accoutrements will be replaced.

Transfer of.

49. When the drafts proceed from their stations, the Commanding Officers of their respective corps or depôts will transfer their arms and accoutrements to the Commanding Officers serving abroad, who will become accountable for them. Commanding Officers will take a temporary receipt from the officer or non-commissioned officer in command of each draft, to hold good until the regular issue vouchers shall have been received from the unit concerned.

Marking.

50. The earliest opportunity will be taken by Commanding Officers in the field receiving such arms and accoutrements with drafts, to have the articles re-marked with the proper corps marks, the old marking being at the same time scored across.

XI.—AMMUNITION.

51. Service small arm ammunition will be supplied at the rates given in the Tables of Details.

When mobilizing for Home Defence, cavalry and infantry units will retain the 20 rounds per carbine or rifle of their peace supply of service ammunition, receiving the balance at the places named in the Mobilization Tables.

For service abroad, these units will return all their ammunition into store before leaving their station, and will receive their service supply at the places mentioned in the Mobilization Tables.

Application for service ammunition will be made on Army Form G 815.

The expense voucher by which service ammunition is struck off charge must refer to the circumstances and authority (if any) under which the expenditure took place.

Normally, ammunition will be replenished, in the field, from ammunition columns. But in cases of emergency units will draw direct upon the nearest store of ammunition available.

XII.—HARNESS, SADDLERY, AND STABLE NECESSARIES.

52. Saddlery will only be supplied at the public expense to officers provided with horses which are the property of the public, to officers belonging to mounted units of the Royal Engineers, and to certain officers of Army Service Corps, as shown in Tables of Details.

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Horse Shoes.

Stable necessaries, including nose bags, corn sacks, and corn bags, will be supplied on demand for all horses in the proportions laid down in the several corps details annexed to these Regulations.

XIII.—HORSE SHOES.

53. On active service, all horses and other animals requiring shoes will be shod with machine-made shoes, which will be supplied to the several arms according to the following scale, unless otherwise demanded :—

Cavalry.

5	per cent.	of No.	2
21	,,	,,	3
35	,,	,,	4
28	,,	,,	5
9	,,	,,	6
1	,,	,,	7
1	,,	,,	8

Royal Engineers, Regimental Transport, and Army Service Corps.

18	per cent.	of No.	5
3	,,	,,	5 with calkins
15	,,	,,	6
18	,,	,,	6 with calkins
11	,,	,,	7
20	,,	,,	7 with calkins
6	,,	,,	8
9	,,	,,	8 with calkins

Royal Artillery.

4	per cent.	of No.	3
16	,,	,,	4
20	,,	,,	5
3	,,	,,	5 with calkins
20	,,	,,	6
8	,,	,,	6 with calkins
7	,,	,,	7
10	,,	,,	7 with calkins
4	,,	,,	8
8	,,	,,	8 with calkins

Mules and Donkeys.

10	per cent.	of No.	11
20	,,	,,	12
35	,,	,,	13
20	,,	,,	14
10	,,	,,	15
5	,,	,,	16

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60 nails per set of shoes will be issued.

Every horse will carry a fore and hind shoe, and sufficient nails in the shoe case, the other hind and fore shoe, as well as 15 per cent. of the establishment of sets of shoes, will be carried regimentally.

XIV.—CAMP EQUIPMENT AND INTRENCHING TOOLS.

Proportions.

54. The proportions of Camp Equipment and Intrenching Tools allowed, under ordinary circumstances, for the various units of the Army are shown in the several corps details.

Picketing gear and forage nets.

55. Picketing gear and forage nets will be supplied in camp free of charge for the regulated number of officers' horses.

Tents and blankets.

56. No tents or blankets are provided for the field army for home defence after the units have left their places of concentration.

Issues on Standing Camp scale.

57. General Officers Commanding will determine when camp equipment shall be issued on the "Standing Camp" scale. On active service abroad time must be allowed to bring up stores from the base, to admit of large issues on the higher scale.

XV.—MISCELLANEOUS STORES.

Wicks and candles for lamps and lanterns.

58. All lamps and lanterns which burn oil when first issued by the Ordnance Store Department for field service will be complete with one foot of wick. Officers Commanding corps using lamps or lanterns of special patterns will be responsible that all such lamps or lanterns are fitted with one foot of wick on taking the field, and, on joining the force, will immediately notify the Army Service Corps Officer providing them of the descriptions of oil and wick required, and number of lamps or lanterns.

The wicks for magazine lanterns and signalling lamps will be issued to the troops by the Army Service Corps, on the usual requisition, for field as well as for general service.

The first supply of candles required for lanterns will be obtained by local purchase by Officers Commanding units at their mobilization stations.

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Despatch No.....

U. S. LEGATION,

LONDON.

August 15 1893.

Major J. C. POST,

Corps of Eng'rs.

Military Attaché.

MILITARY INFORMATION DIVISION, A. G. O.

SECTION.	SUBJECT.
SHELF.	EQUIPMENT GREAT BRITAIN.

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REGULATIONS

FOR THE

EQUIPMENT OF HER MAJESTY'S ARMY.

PART 3.

WAR.

WAR OFFICE, 1893.

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PART 3.—GENERAL REGULATIONS.

WAR.

I.—INTRODUCTORY.

1. In the Tables of Details appended to Part 3, provision is made for the equipment of units on war establishment, as given in Field Army Establishments, 1892, and under normal conditions. Tables of Details.

2. In the absence of orders to the contrary, Officers Commanding units allotted to the Field Army will on mobilization demand stores according to the scales given. Demands.

3. A portion of the war equipment is held by units in peace as shown in Part 2—the balance (termed "Mobilization Stores") is held by the Ordnance Store Department at the stations named in the Mobilization Tables. Custody of

4. The stores supplied by the Ordnance Store Department to units on mobilization are comprised under three heads, viz. :— Classification of mobilization stores

1. Personal equipment.
2. 1st Regimental equipment.
3. 2nd Regimental equipment.

The articles included under each head are indicated in the Tables of Details.

Broadly considered—

Personal Equipment comprises arms and accoutrements.

1*st Regimental Equipment* comprises all stores supplied by the Ordnance Store Department, other than those included under Personal or 2nd Regimental Equipment.

2*nd Regimental Equipment* comprises small-arm ammunition, tents (for service abroad), and the vehicles which carry them ; vehicles which belong to ammunition columns ; ambulance wagons, supply wagons, and water-carts.

5. Each general service wagon, forage cart, or pack animal is equipped with certain stores, termed "wagon" Wagon, cart, and pack stores.

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"cart" or "pack" stores (as the case may be). Lists of these stores are given in the Tables of Details.

Wagon and cart stores will always accompany the vehicle for which they are supplied, and they will be considered as "1st" or "2nd" Regimental equipment according to the classification of the vehicle to which they appertain, and will be stored and demanded accordingly. Pack stores are always "1st Regimental equipment."

Issues.

6. When troops are actually in the field, it may not be always possible or advisable to meet requisitions sent in, even though they are according to scales laid down. Many circumstances may affect this matter, such as the state of the reserves; priority of claim, having due regard to the Service as a whole; and special circumstances of which Commanding Officers may not be cognizant. All these must be taken into consideration before stores are issued according to scales given in the tables.

7. When it becomes likely that the stores in Ordnance Store charge will become insufficient to meet demands made on scales laid down, it will be the duty of Ordnance Store Officers to bring the circumstances to the notice of the General Officer Commanding, and to take his orders thereon as to what proportions shall be issued.

II.—DUTIES OF OFFICERS.

Duties of General Officers Commanding Districts.

G.O.C. to facilitate issues.

8. When mobilization has been ordered, General Officers Commanding Districts will facilitate by all possible means the speedy issue of mobilization stores in their districts held for, and demanded by units named in the Mobilization Tables, wherever these units may be stationed at the time they make their demands.

Instructions for issuing stores.

9. The Regulations for Mobilization contain detailed instructions to all concerned as to sending for these stores, and in the event of several units waiting to receive their stores, the senior officer on the spot will decide in what order they are to be supplied.

Peace Establishment to be kept up.

10. Equipment in possession of units in peace should be complete up to peace establishment, and in a condition efficient for war, and on this basis the balance held by the Ordnance Store Department is estimated and provided.

Unserviceable articles in possession.

11. In the event, however, of any articles in possession being found on mobilization unserviceable for war, they must be replaced by serviceable stores, so far as the demand can be met from the general stock kept by the Ordnance Store Department in the district. The General

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Officers Commanding Districts will decide as to priority of issue in doubtful cases, due consideration being given to the requirements of all units drawing from the store stations in question.

Duties of Commanding Officers.

12. The Commanding Officer of a "unit," as defined in the Regulations for Mobilization, is an accountant to the War Office. C.O. as accountant.

13. Whenever in the field it has been decided to constitute an independent detachment, or irregular levy, or corps, into an accounting body, or when an individual officer is detailed to act in an independent capacity, the fact will be announced in the General Orders of the force. The Senior Ordnance Store Officer at the Head Quarters of the force will furnish the necessary account books and forms, with instructions, to the corps or officers concerned, pointing out when the first accounts will be due. Detachment as accounting body, &c.

III.—ESTIMATES FOR EQUIPMENT.

14. Equipment is provided in these regulations for units up to war establishment, and consumable articles (except ammunition) for 3 months' supply. Consumable articles.

15. In the field, estimates of probable requirements will be sent to Senior Ordnance Store Officers of Divisions (or of the Line of Communication, in the case of Line of Communication troops, if on service abroad) in time to admit of stores being brought up as required. Estimates when forwarded.

16. On service abroad neither reserve nor spare stores will be kept available for issue beyond the advanced depôt. Reserve or spare stores.

17. It must be borne in mind that regimental transport is provided only for the articles named in the Tables of Details. Regimental transport.

IV.—REQUISITIONS FOR EQUIPMENT.

18. The Ordnance Stores required by each unit on mobilization are shown in "Mobilization Store Tables," which are issued to officers commanding units. Copies of these tables are kept with the stores for each unit, as are also receipt and issue vouchers, on Army Forms, G. 1087 to G. 1095, according to the service concerned, which will be passed in the usual manner. Demands for mobilization stores.

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Transfers.

Home Defence, Garrison, and unallotted units.

19. Units allotted to Garrisons for Home Defence and unallotted units for Home Defence will demand articles of personal equipment only (cavalry will also demand saddlery), in the proportions given in the Tables of Details for the Field Army. The other stores required will be arranged for, as directed in the Regulations for Mobilization.

Conveyance of stores.

20. The unit which demands the stores will arrange for their conveyance as directed in the Regulations for Mobilization.

Deficiencies on receipt.

21. In the event of any deficiency of, or injury to, stores being discovered on their arrival at the unit, demands will be at once sent in to make good what is required. These demands will be met at once if the general store admits. The matter will be reported to the General Officer Commanding the District, if necessary, for after adjustment.

Staff units.

22. Equipment for staff units (including Military Police) will be demanded by one officer per staff, who will be the accounting officer, and who will be detailed for this purpose by the General or other Officer Commanding the unit.

Issues on payment.

23. On active service, when necessary articles of equipment are not otherwise procurable, the General Officer Commanding may allow such to be issued to officers on payment when the store admits; the transaction will not appear in the regimental accounts. Departmental expenses will not be added.

Personal equipment.

24. When detachments are despatched for active service, they will take with them their complete personal equipment, which will be transferred in the manner laid down in paragraph 25.

V.—TRANSFERS.

Disposal of arms and accoutrements.

25. Military Staff Clerks, all ranks of the Medical Staff Corps, and Ordnance Store Corps, and 1st Class Staff Serjeant-Majors, dismounted warrant officers, and men of the Army Service Corps, will take their arms and accoutrements with them on transfer from one unit to another. Regular vouchers will be passed from one accountant to another for arms and accoutrements so transferred.

26. In all other cases, men transferred will leave their arms and accoutrements with the units in which they have been serving, and they will be provided with fresh equipment on joining their war unit.

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Return of Equipment.

Men sent from their unit to the depôt on mobilization will leave with their units the personal equipment already in possession.

VI.—RETURN OF EQUIPMENT INTO STORE.

27. All stores which are surplus to the war establishment, and which do not accompany men sent from the unit to the depôt on mobilization, will be returned to the nearest Ordnance Store, but this is not to delay the issue of mobilization stores to the unit. Surplus stores

28. Stores should not be returned by units to the Ordnance Store Department in the field, unless they are not likely soon to be required again, or cannot be carried. In the field.

29. When stores are forwarded by convoy or under escort, convoy notes, Army Form F 754, will be delivered to the officer commanding the convoy or escort, who will satisfy himself that the numbers of packages agree with the account given to him, and, together with the consignor, will sign the convoy notes made out in triplicate. One of the notes will be retained by the consignor, and the other two will be handed over to the officer commanding the escort, or to the 1st class Staff Serjeant Major, who will give one to the consignee and obtain his receipt on the other, which he will retain. The day and hour of departure will be inserted upon the convoy notes by the consignor. Convoy notes.

30. If when stores are received from a unit, the regular receipt vouchers are not forthcoming, the stores will nevertheless be accepted at the risk of the consignor, to whom the Ordnance Store Officer will report the omission. The consignor will then furnish the necessary vouchers without delay. Receipt vouchers.

31. When the packages do not agree with the convoy notes, or appear to have been tampered with, the consignee will inquire into the cause. If the discrepancy appear to arise from negligence or fraud, such measures will be taken as may be requisite, in order that the offender may be punished. If it appear to arise from just and fair causes, the consignee will obtain a certificate of the cause of any such deficiency, damage, or loss, before the officer in command of the escort or the 1st class Staff Serjeant Major is discharged. Should a court of inquiry seem to be necessary, the consignee will apply for one to the General Officer Commanding. Deficiencies.

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VII.—ISSUE OF STORES ON BOARD SHIP.

Charge of.

32. When Ordnance Store Officers embark with stores consigned to the Ordnance Store Department, such stores will be in charge of the Master of the ship, in accordance with the bill of lading signed by him, and the owners are liable for any loss or damage.

Issue during voyage.

33. If there be troops on board, and if during the voyage the Commanding Officer should require, on emergency, an issue to the troops of any articles consigned to the Ordnance Store Department, he will make requisition on the Ordnance Store Officer, certifying in writing that the urgency of the service demands a departure from the general rule. The Ordnance Store Officer will then apply to the Master for the packages required, and give him a receipt on the Master's bill of lading for such as he may receive. He will afterwards take receipts from the Commanding Officer for all stores so issued, and hand them, with a report of his proceedings, to the Senior Ordnance Store Officer at the port of debarkation on arrival. Stores issued to the troops under these circumstances will be accounted for by the Commanding Officer.

VIII.—BOARDS OF SURVEY AND COURTS OF INQUIRY.

Boards for condemnation of stores.

34. Condemnations of stores must be supported by proceedings of Garrison Boards on Army Form No. A 2, where Boards are requisite.

Prompt investigation of loss of equipment.

35. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the Commanding Officer will at once bring the circumstance to the notice of the General Officer Commanding, through the Adjutant General's Department, in order that it may be investigated by a court of inquiry, and, in the event of such Court not duly making a report on the subject, he will not be relieved of liability for any loss that may have occurred. The Court will be composed, if possible, of officers not belonging to the corps interested. If there be an Ordnance Store Officer available, who is not the Senior Ordnance Store Officer of the Division, he will serve as a member.

The proceedings of the Court of Inquiry will be transmitted in duplicate by the President, direct to the Senior Ordnance Store Officer of the Division, who will see that they are complete and then submit them, with his views, to the General Officer Commanding. After

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the General Officer Commanding has recorded his decision, the Senior Ordnance Store Officer will send one copy to the Officer Commanding the corps concerned, to serve as his covering authority to demand new articles to replace those lost or damaged. The Commanding Officer will append this copy to his requisition for the supply.

When supply is necessary before the General Officer has given his decision, the Commanding Officer's copy of the proceedings will be noted, as soon as he receives it, and passed on to the Ordnance Store Officer, quoting the requisition on which the issue was made, to which it will then be attached.

The duplicate copy will be sent by the Senior Ordnance Store Officer to the local Auditor of Army Accounts, or, if there is no such appointment, to the Adjutant General to the Forces, Horse Guards.

Should the loss or damage form the subject of a charge before a Court Martial, two copies of the finding of the Court, and confirmation of the General Officer Commanding, will be sent by the Commanding Officer to the Senior Ordnance Store Officer as soon as possible, for attachment to the original and duplicate proceedings.

36. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Royal Engineers, Medical Department, or any particular service, the written opinion of the local head of the Service or Department concerned should be taken before the matter is finally dealt with by the General Officer Commanding, and will form part of the proceedings. **Special stores.**

IX.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST CORPS.

37. Accountants, while on active service, will record in their equipment ledgers all transactions connected with ammunition and stores. Consumable articles drawn for expenditure will not be inserted. **Ledgers.**

38. Articles of equipment lost or destroyed, and chargeable to the troops, will be struck off charge by a voucher, on which will be quoted the date and number of the cash voucher to the Pay List in which credit for their value is given. **Articles lost or destroyed.**

39. No articles of equipment will be transferred from one equipment ledger charge to another, except under authority of the General Officer Commanding, obtained through the Senior Ordnance Store Officer. Such transfer will be supported by vouchers upon which the authority for the transfer should be quoted. When either of the **Transfer of equipment.**

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officers concerned desires that an Ordnance Store Officer should be present at the transfer, one will be directed to attend, if available, on application. In the case of units belonging to different branches of the Service, the receipt and issue vouchers will be passed under cover to the Senior Ordnance Store Officer of the Division, who will countersign them and pass them to the respective accountants. Vouchers will likewise be passed for all equipment that may be taken by men detached from their corps, but not permanently transferred, to serve with another corps also in the field. The above does not refer to transfers of equipment from one Commanding Officer to another on a change of command, which are governed by paragraph 9, Part I.

Charges for damages, &c.

40. The value of all arms, accoutrements, and other stores rendered unserviceable by neglect or carelessness, will be recovered from the soldiers chargeable, and credited in the regimental accounts. Charges will be made only for the proportionate value of the unexpired period of wear, except in cases of wilful damage, when they will be assessed according to the extent of such damage. Not less than half-price will be charged for any article wilfully or carelessly lost and for which the soldier has been held liable, although it may have been in use the prescribed period of wear.

The amount to be charged on account of any one arm will not exceed 40*s*., and the period of wear will be taken as 12 years for the purpose of assessing charges for arms, bayonets (sword and triangular), and swords; also for any other article of equipment for which no period of wear has been fixed.

Payment by non-accountants.

41. When Officers against whom claims are made have no cash account with the War Office, payment will be made by them to the District Paymaster.

Loss by desertion.

42. When articles of equipment are ascertained to have been lost through desertion, they will be struck off charge by voucher Army Form P 1925, on which will be stated the Regimental number, rank, name and date of desertion of each man, as well as, in detail, the articles taken by him, and the value of each article. These articles and their respective values will be entered on Army Form P 1963, and will be charged against the deserter, and credited to the public in the current pay list of the squadron, battery, or company.

Deserter rejoining.

43. In the event of a deserter, on rejoining, being in possession of any of the articles of equipment charged against him on desertion, as directed in paragraph 42, the articles brought back by him will be taken on charge in the equipment ledger, and the amount which was charged against the soldier on desertion will be credited to him

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for such articles as are in a serviceable condition, and will be admitted as a charge against the public, if supported by a reference to the pay list and the voucher on Army Form P 1963 on which the amount was credited to the public at the time of desertion.

Return of stoppages.

44. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any soldiers liable to make good the value of articles of equipment under paragraphs 40 to 43. The stoppage returns will be made out by squadrons, batteries or companies. In the cavalry and infantry the amount due from each squadron or company will appear in Regimental Orders for the month in which the stoppages are recoverable from the soldier, and will be credited in the pay list for the month, the returns being annexed as vouchers.

Losses through glandered horses.

45. The order sanctioning the destruction of a glandered horse will be quoted as the authority for striking off charge portions of harness or saddlery destroyed in order to prevent infection.

Balancing and rendering of accounts.

46. Equipment Accounts will be balanced half-yearly (to 30th September and 31st March) and rendered, with their supporting vouchers, to the local Auditor of Army Accounts, or, if there is no such appointment, to the Secretary of State for War, War Office.

X.—ARMS AND ACCOUTREMENTS.

Disposal of Arms, Ammunition, and Accoutrements of Sick and Wounded in the Field.

Charge of equipment of men in hospital.

47. The arms, accoutrements, and ammunition of men received into hospital in the field will be taken charge of by the Army Medical Department in the first instance, as directed in paragraphs 627, 628, 629, 637, and 656, Regulations for Army Medical Services, Part I.

If the man is likely to return to his duty soon, his equipment will be retained by the Army Medical Department, and returned to the man on his discharge to duty.

If the man is not likely to be again fit for duty at the front, his equipment will be handed over to the nearest Ordnance Store Depôt.

The Officer in charge of the hospital, from which arms, &c., of patients are returned to store, will pass delivery and receipt vouchers, Army Form No. G 1033 (which will show the corps to which the equipment belongs), with the Ordnance Store Officer to whom he hands the equipment. The Ordnance Store Officer will send a duplicate receipt to the officer commanding the corps concerned, to enable him to clear his charge.

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Ammunition.—Harness and Saddlery.

Supply for Armed Drafts proceeding on Active Service.

48. Men selected for drafts proceeding to join a force engaged on active service abroad will take with them the arms and accoutrements already in their possession, which arms and accoutrements will be replaced.

Transfer of.

49. When the drafts proceed from their stations, the Commanding Officers of their respective corps or depôts will transfer their arms and accoutrements to the Commanding Officers serving abroad, who will become accountable for them. Commanding Officers will take a temporary receipt from the officer or non-commissioned officer in command of each draft, to hold good until the regular issue vouchers shall have been received from the unit concerned.

Marking.

50. The earliest opportunity will be taken by Commanding Officers in the field receiving such arms and accoutrements with drafts, to have the articles re-marked with the proper corps marks, the old marking being at the same time scored across.

XI.—AMMUNITION.

51. Service small arm ammunition will be supplied at the rates given in the Tables of Details.

When mobilizing for Home Defence, cavalry and infantry units will retain the 20 rounds per carbine or rifle of their peace supply of service ammunition, receiving the balance at the places named in the Mobilization Tables.

For service abroad, these units will return all their ammunition into store before leaving their station, and will receive their service supply at the places mentioned in the Mobilization Tables.

Application for service ammunition will be made on Army Form G 815.

The expense voucher by which service ammunition is struck off charge must refer to the circumstances and authority (if any) under which the expenditure took place.

Normally, ammunition will be replenished, in the field, from ammunition columns. But in cases of emergency units will draw direct upon the nearest store of ammunition available.

XII.—HARNESS, SADDLERY, AND STABLE NECESSARIES.

52. Saddlery will only be supplied at the public expense to officers provided with horses which are the property of the public, to officers belonging to mounted units of the Royal Engineers, and to certain officers of Army Service Corps, as shown in Tables of Details.

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Horse Shoes.

Stable necessaries, including nose bags, corn sacks, and corn bags, will be supplied on demand for all horses in the proportions laid down in the several corps details annexed to these Regulations.

XIII.—HORSE SHOES.

53. On active service, all horses and other animals requiring shoes will be shod with machine-made shoes, which will be supplied to the several arms according to the following scale, unless otherwise demanded :—

Cavalry.

5	per cent. of	No.	2
21	,,	,,	3
35	,,	,,	4
28	,,	,,	5
9	,,	,,	6
1	,,	,,	7
1	,,	,,	8

Royal Engineers, Regimental Transport, and Army Service Corps.

18	per cent. of	No.	5
3	,,	,,	5 with calkins
15	,,	,,	6
18	,,	,,	6 with calkins
11	,,	,,	7
20	,,	,,	7 with calkins
6	,,	,,	8
9	,,	,,	8 with calkins

Royal Artillery.

4	per cent. of	No.	3
16	,,	,,	4
20	,,	,,	5
3	,,	,,	5 with calkins
20	,,	,,	6
8	,,	,,	6 with calkins
7	,,	,,	7
10	,,	,,	7 with calkins
4	,,	,,	8
8	,,	,,	8 with calkins

Mules and Donkeys.

10	per cent. of	No.	11
20	,,	,,	12
35	,,	,,	13
20	,,	,,	14
10	,,	,,	15
5	,,	,,	16

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60 nails per set of shoes will be issued.

Every horse will carry a fore and hind shoe, and sufficient nails in the shoe case, the other hind and fore shoe, as well as 15 per cent. of the establishment of sets of shoes, will be carried regimentally.

XIV.—CAMP EQUIPMENT AND INTRENCHING TOOLS.

Proportions.

54. The proportions of Camp Equipment and Intrenching Tools allowed, under ordinary circumstances, for the various units of the Army are shown in the several corps details.

Picketing gear and forage nets.

55. Picketing gear and forage nets will be supplied in camp free of charge for the regulated number of officers' horses.

Tents and blankets.

56. No tents or blankets are provided for the field army for home defence after the units have left their places of concentration.

Issues on Standing Camp scale.

57. General Officers Commanding will determine when camp equipment shall be issued on the "Standing Camp" scale. On active service abroad time must be allowed to bring up stores from the base, to admit of large issues on the higher scale.

XV.—MISCELLANEOUS STORES.

Wicks and candles for lamps and lanterns.

58. All lamps and lanterns which burn oil when first issued by the Ordnance Store Department for field service will be complete with one foot of wick. Officers Commanding corps using lamps or lanterns of special patterns will be responsible that all such lamps or lanterns are fitted with one foot of wick on taking the field, and, on joining the force, will immediately notify the Army Service Corps Officer providing them of the descriptions of oil and wick required, and number of lamps or lanterns.

The wicks for magazine lanterns and signalling lamps will be issued to the troops by the Army Service Corps, on the usual requisition, for field as well as for general service.

The first supply of candles required for lanterns will be obtained by local purchase by Officers Commanding units at their mobilization stations.

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DETAILS OF EQUIPMENT

OF

HER MAJESTY'S ARMY.

PART 3.—SECTION VII.

WAR.

ARMY SIGNALLERS.

WAR OFFICE, 1893.

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PART 3.—DETAILS OF EQUIPMENT.

WAR.

SECTION VII.—ARMY SIGNALLERS.

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ESTABLISHMENTS.

The War Establishments of Army Signallers for Service Abroad and for home defence, are published in "Field Army Establishments."

N.B.—Unless otherwise specified the details for Home Defence are the same as those for Active Service abroad.

Mounted Companies are not provided for Home Defence.

Arms.

(Personal Equipment.)

TABLE 1.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section I. (1).		
LEE-METFORD MAGAZINE.		
Rifles	...	32
Bottles, oil	...	32
MARTINI-HENRY.		
Carbines, cavalry	31	...
Guards, hand, carbine	31	...
Implements, action	1	...
Jags	31	...
Protectors, front-sight, carbine	31	...
Strikers, rifle	4	...
Pull-throughs, rifle, ·303 inch	...	32
Protectors, front-sight	...	32
Sword-bayonets, pattern 1888	...	32
Scabbards { sword-bayonet, pattern 1888	...	32
Scabbards { sword, cavalry pattern 1885	31	...
Swords, cavalry pattern 1890	31	...

Ammunition.

(2nd Regimental Equipment.)

TABLE 2.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section V. (2).		
Cartridges, small-arm, ball { ·303 inch, cordite ...	...	1,600
Cartridges, small-arm, ball { Martini-Henry carbine...	620	...

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Accoutrements.

(*Personal Equipment.*)

TABLE 3.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section I. (2).		
Belts { pouch, buff, cavalry line, O.R.	31	...
Belts { waist, buff { cavalry, pattern 1885, O.R. ...	31	...
Belts { waist, buff { V.E. pattern 1888, G.S. ...	...	32
Bottles, water, enamelled	31	32
Braces, buff, V.E. pattern 1888 { left	...	32
Braces, buff, V.E. pattern 1888 { right	...	32
Frogs, buff { bayonet, G.S.	...	32
Frogs, buff { intrenching implement	...	8
Knots, sword, buff, cavalry line, O.R.	31	...
Pouches, ammunition { black, japanned, cavalry line, carbine	31	...
Pouches, ammunition { buff, V.E. pattern 1888, ·303 inch, 50 rounds	...	64
Slings, rifle, buff	...	32
Straps, buff { V.E. pattern 1888 { greatcoat	...	64
Straps, buff { V.E. pattern 1888 { mess-tin	...	32
Straps, buff { water-bottle	31	32
Valises, pattern 1888, G.S.	...	32

Regimental Transport and Cart Stores (in addition to Articles detailed elsewhere).

(*1st Regimental Equipment.*)

TABLE 4.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section II. (1).		
Buckets, water, G.S., leather	4	4*
Vocabulary Section II. (2).		
Carts, forage	4	4*
Covers, cart, forage	4	4*
Hoops, bale, cart, forage ... ... sets	4	4*
Lashings, white, 1 inch, 30 feet	8	8†
Vocabulary Section III.		
Axes { felling, curved helve	4	4*
Axes { hand	4	4*

* For active service at home, 3.
† " " " 6.

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Regimental Transport and Cart Stores—*continued.*

TABLE 4—*continued.*	Per Company.	
	Mounted.	Dismounted.
Hooks bill	4	4*
Hooks reaping large	4	4*
Hooks reaping small	16	...
Vocabulary Section IV.		
Cordage, tarred, spun-yarn, hemp, 3-thread ... lbs.	20	20†
Grease, Field's§ ... ... ,,	12	12‡
Vocabulary Section V. (1).		
Pins, linch, 3rd class	4	4*
Ropes, drag, light ... ... pairs	4	4*
Swingletrees, No. 3	8	8*
Washers, drag, 3rd class, "B"	4	4*
Vocabulary Section VI.		
Boards, inventory	4	4*

* For active service at home, 3.
† ,, ,, ,, 15.
‡ ,, ,, ,, 9.
§ Three months supply.

Saddlery, No. of Sets.

(*1st Regimental Equipment.*)

TABLE 5.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section II. (3).		
Saddlery, universal sets, cavalry, with carbine bucket	30	...

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

(*1st Regimental Equipment.*)

TABLE 6.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section II. (3).		
Bags, nose, G.S....	33	2
Brushes, horse	30	...
Combs, curry	30	...
Pickers, hoof	30	...
Sacks, corn, 4-bushel	9	1
Sponges, G.S.	30	...
Vocabulary Section III.		
Scissors, trimming ... ... pairs	2	...

Signalling Equipment.

(*1st Regimental Equipment.*)

TABLE 7.	Per Company.	
	Mounted.	Dismounted.
Vocabulary Section II. (2).		
Panniers, signalling ... ... pairs	18	18
Vocabulary Section IV.		
Books, signalling* message forms	24	24
Books, signalling* messages, large size	24	24
Bottles, tin, oil, with screw top, 2 quarts	8	8
Cans, oil, feeding, Army signalling	4	4
Candles, composite† ... ... lbs.	8	8
Cases, message book	8	8
Flags, signal, army — blue — 3 feet square	12	12
Flags, signal, army — blue — 2 ,, ,, ...	12	12
Flags, signal, army — white, with stripe — 3 feet square	12	12
Flags, signal, army — white, with stripe — 2 ,, ,, ...	12	12
Flags, signal, army — Poles — 5 feet 6 inches	20	20
Flags, signal, army — Poles — 3 ,, 6 ,, ...	20	20
Heliographs — 5-inch (with stand)...	8	8
Heliographs — Buckets	8	...
Heliographs — Holdalls	1	1
Lamps, bullseye, signal	8	8
,, ,, ,, Stands	8	8
Leathers, chamois	8	8
Locks, pad, iron, with keys	36	36
Manganese, binoxide, granulated... ... ... lbs.	48	48
Methylated spirits ... ... gallons	8	8
Paper, carbon* ... ... sheets	96	96

* Supplied by Stationery Office.
† ,, ,, A.S. Corps.

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Signalling Equipment—*continued.*

TABLE 7—*continued.*	Per Company. Mounted.	Per Company. Dismounted.
Potash, chlorate ... ... lbs.	144	144
Stands, telescope, signalling	8	8
Telescopes, signalling	8	8
Tubing, indiarubber, ⅜-inch ... ... yards	40	40
Wheels, cypher	8	8
Wick common* ... ... lbs.	1	1
Wick round, 1½-inch* ... ... yards	16	16
Vocabulary Section V. (2).		
Matches, safety, Bryant and May ... boxes	32	32
Rockets, signal ½ lb., white	48	48
Rockets, signal Stands	8	8
Rockets, signal Sticks, 6 feet 6 inches	48	48
Vocabulary Section VI.		
Scissors, lamp ... ... pairs	8	8
Watches	8	8
Vocabulary Section VII.		
Apparatus, limelight Bags gas	24	24
Apparatus, limelight Bags pressure	8	8
Apparatus, limelight Bottles, cleansing, gas	8	8
Apparatus, limelight Cases brass	16	16
Apparatus, limelight Cases iron	8	8
Apparatus, limelight Cases tin	8	8
Apparatus, limelight Cylinders, lime pencil	8	8
Apparatus, limelight Flasks	8	8
Apparatus, limelight Lamps	8	8
Apparatus, limelight Lenses	4	4
Apparatus, limelight Pencils ... ... doz.	8	8
Apparatus, limelight Retorts, copper	8	8
Apparatus, limelight Spanners	8†	8†
Binoculars	8	8
,, Cases	8	8

Camp and Field Equipment, &c.

TABLE 8.	Per Company. Mounted.	Per Company. Dismounted.
Vocabulary Section II. (1.)		
Blankets, G.S.‡...	31	32
Buckets, water, G.S., canvas	6	1
Cords, forage	8	2
Kettles, camp, oval, 7 quarts	8	8
Mallets, heel peg	5	1
Nets, forage ... ... pairs	33	2

* Supplied by Army Service Corps.
† For Mark III retorts.
‡ Not issued for Home Defence.

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Camp and Field Equipment—*continued.*

TABLE 8—*continued.*	Per Company.	
	Mounted.	Dismounted.
Pads, surcingle	30	...
Pegs, picketing, with rope loop	66	4
Ropes { head	33	2
Ropes { heel	33	2
Ropes { picketing, 4 feet 9 inches...	33	2
Sheets, field, cavalry	32	2
Tents, complete, signallers*	10†	10†
Vocabulary Section III.		
Implements, intrenching	8	8
Vocabulary Section IV.		
Shoes, horse, fore and hind, with nails ... ... sets	38	2
Vocabulary Section VI.		
Cotton, waste, white ... ... lbs.	8	8
Knives, butchers, cutting	4	4
Lanterns, tin, glass sides	10	10

* Not issued for Home Defence. † 2nd Regimental Equipment.

Articles Required for Sick Horses.

(*1st Regimental Equipment*).

Three months supply.

TABLE 9.	Per 100 Horses.
Vocabulary Section II (3).	
Bandages, horse	6
Sponges, G.S....	2*
Vocabulary Section IV.	
Canvas, packing, Hessian, 47-inch (for poultices) ... ... yds.	2
Corks, assorted	6
Flannel, old (for fomentations) ... ... lbs.	7½
Linen, unbleached (for bandages) ... ... yds.	3
Numnahs, old (for foot swabs)	2
Paper { brown, common (for packing) ... ...quires	½
Paper { white, fine (for balls) ... ... ,,	½
Pins, mixed ... ... oz.	½
Tape, white, ¾-inch ... ...pieces	1*
Tow { coarse ... ... lbs.	2
Tow { fine .. .. ,,	1
Twine, packing, small ... ... oz.	1

* To be drawn at these rates every six months only.

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Despatch No......

U. S. LEGATION,

LONDON.

August 15 1893.

Major J. C. POST,

Corps of Eng'rs.

Military Attaché.

MILITARY INFORMATION DIVISION, A. G. O.

SECTION.	SUBJECT.
SHELF.	EQUIPMENT GREAT BRITAIN.

WAR DEPARTMENT
ADJUTANT GENERAL'S OFFICE.
MILITARY INFORMATION DIVISION

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38407
Equipment
1460
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REGULATIONS

FOR THE

EQUIPMENT OF HER MAJESTY'S ARMY.

PART 3.

WAR.

WAR OFFICE, 1893.

LONDON:
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PART 3.—GENERAL REGULATIONS.

WAR.

I.—INTRODUCTORY.

1. In the Tables of Details appended to Part 3, provision is made for the equipment of units on war establishment, as given in Field Army Establishments, 1892, and under normal conditions. **Tables of Details.**

2. In the absence of orders to the contrary, Officers Commanding units allotted to the Field Army will on mobilization demand stores according to the scales given. **Demands.**

3. A portion of the war equipment is held by units in peace as shown in Part 2—the balance (termed "Mobilization Stores") is held by the Ordnance Store Department at the stations named in the Mobilization Tables. **Custody of**

4. The stores supplied by the Ordnance Store Department to units on mobilization are comprised under three heads, viz. :— **Classification of mobilization stores**

1. Personal equipment.
2. 1st Regimental equipment.
3. 2nd Regimental equipment.

The articles included under each head are indicated in the Tables of Details.

Broadly considered—

Personal Equipment comprises arms and accoutrements.

1*st Regimental Equipment* comprises all stores supplied by the Ordnance Store Department, other than those included under Personal or 2nd Regimental Equipment.

2*nd Regimental Equipment* comprises small-arm ammunition, tents (for service abroad), and the vehicles which carry them ; vehicles which belong to ammunition columns ; ambulance wagons, supply wagons, and water-carts.

5. Each general service wagon, forage cart, or pack animal is equipped with certain stores, termed "wagon" **Wagon, cart, and pack stores.**

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"cart" or "pack" stores (as the case may be). Lists of these stores are given in the Tables of Details.

Wagon and cart stores will always accompany the vehicle for which they are supplied, and they will be considered as "1st" or "2nd" Regimental equipment according to the classification of the vehicle to which they appertain, and will be stored and demanded accordingly. Pack stores are always "1st Regimental equipment."

Issues.

6. When troops are actually in the field, it may not be always possible or advisable to meet requisitions sent in, even though they are according to scales laid down. Many circumstances may affect this matter, such as the state of the reserves; priority of claim, having due regard to the Service as a whole; and special circumstances of which Commanding Officers may not be cognizant. All these must be taken into consideration before stores are issued according to scales given in the tables.

7. When it becomes likely that the stores in Ordnance Store charge will become insufficient to meet demands made on scales laid down, it will be the duty of Ordnance Store Officers to bring the circumstances to the notice of the General Officer Commanding, and to take his orders thereon as to what proportions shall be issued.

II.—DUTIES OF OFFICERS.

Duties of General Officers Commanding Districts.

G.O.C. to facilitate issues.

8. When mobilization has been ordered, General Officers Commanding Districts will facilitate by all possible means the speedy issue of mobilization stores in their districts held for, and demanded by units named in the Mobilization Tables, wherever these units may be stationed at the time they make their demands.

Instructions for issuing stores.

9. The Regulations for Mobilization contain detailed instructions to all concerned as to sending for these stores, and in the event of several units waiting to receive their stores, the senior officer on the spot will decide in what order they are to be supplied.

Peace Establishment to be kept up.

10. Equipment in possession of units in peace should be complete up to peace establishment, and in a condition efficient for war, and on this basis the balance held by the Ordnance Store Department is estimated and provided.

Unserviceable articles in possession.

11. In the event, however, of any articles in possession being found on mobilization unserviceable for war, they must be replaced by serviceable stores, so far as the demand can be met from the general stock kept by the Ordnance Store Department in the district. The General

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Officers Commanding Districts will decide as to priority of issue in doubtful cases, due consideration being given to the requirements of all units drawing from the store stations in question.

Duties of Commanding Officers.

12. The Commanding Officer of a "unit," as defined in the Regulations for Mobilization, is an accountant to the War Office. C.O. as accountant.

13. Whenever in the field it has been decided to constitute an independent detachment, or irregular levy, or corps, into an accounting body, or when an individual officer is detailed to act in an independent capacity, the fact will be announced in the General Orders of the force. The Senior Ordnance Store Officer at the Head Quarters of the force will furnish the necessary account books and forms, with instructions, to the corps or officers concerned, pointing out when the first accounts will be due. Detachment as accounting body, &c.

III.—ESTIMATES FOR EQUIPMENT.

14. Equipment is provided in these regulations for units up to war establishment, and consumable articles (except ammunition) for 3 months' supply. Consumable articles.

15. In the field, estimates of probable requirements will be sent to Senior Ordnance Store Officers of Divisions (or of the Line of Communication, in the case of Line of Communication troops, if on service abroad) in time to admit of stores being brought up as required. Estimates when forwarded.

16. On service abroad neither reserve nor spare stores will be kept available for issue beyond the advanced depôt. Reserve or spare stores.

17. It must be borne in mind that regimental transport is provided only for the articles named in the Tables of Details. Regimental transport.

IV.—REQUISITIONS FOR EQUIPMENT.

18. The Ordnance Stores required by each unit on mobilization are shown in "Mobilization Store Tables," which are issued to officers commanding units. Copies of these tables are kept with the stores for each unit, as are also receipt and issue vouchers, on Army Forms, G. 1087 to G. 1095, according to the service concerned, which will be passed in the usual manner. Demands for mobilization stores.

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Transfers.

Home Defence, Garrison, and unallotted units.

19. Units allotted to Garrisons for Home Defence and unallotted units for Home Defence will demand articles of personal equipment only (cavalry will also demand saddlery), in the proportions given in the Tables of Details for the Field Army. The other stores required will be arranged for, as directed in the Regulations for Mobilization.

Conveyance of stores.

20. The unit which demands the stores will arrange for their conveyance as directed in the Regulations for Mobilization.

Deficiencies on receipt.

21. In the event of any deficiency of, or injury to, stores being discovered on their arrival at the unit, demands will be at once sent in to make good what is required. These demands will be met at once if the general store admits. The matter will be reported to the General Officer Commanding the District, if necessary, for after adjustment.

Staff units.

22. Equipment for staff units (including Military Police) will be demanded by one officer per staff, who will be the accounting officer, and who will be detailed for this purpose by the General or other Officer Commanding the unit.

Issues on payment.

23. On active service, when necessary articles of equipment are not otherwise procurable, the General Officer Commanding may allow such to be issued to officers on payment when the store admits; the transaction will not appear in the regimental accounts. Departmental expenses will not be added.

Personal equipment.

24. When detachments are despatched for active service, they will take with them their complete personal equipment, which will be transferred in the manner laid down in paragraph 25.

V.—TRANSFERS.

Disposal of arms and accoutrements.

25. Military Staff Clerks, all ranks of the Medical Staff Corps, and Ordnance Store Corps, and 1st Class Staff Serjeant-Majors, dismounted warrant officers, and men of the Army Service Corps, will take their arms and accoutrements with them on transfer from one unit to another. Regular vouchers will be passed from one accountant to another for arms and accoutrements so transferred.

26. In all other cases, men transferred will leave their arms and accoutrements with the units in which they have been serving, and they will be provided with fresh equipment on joining their war unit.

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Men sent from their unit to the depôt on mobilization will leave with their units the personal equipment already in possession.

VI.—RETURN OF EQUIPMENT INTO STORE.

Surplus stores.

27. All stores which are surplus to the war establishment, and which do not accompany men sent from the unit to the depôt on mobilization, will be returned to the nearest Ordnance Store, but this is not to delay the issue of mobilization stores to the unit.

In the field.

28. Stores should not be returned by units to the Ordnance Store Department in the field, unless they are not likely soon to be required again, or cannot be carried.

Convoy notes.

29. When stores are forwarded by convoy or under escort, convoy notes, Army Form F 754, will be delivered to the officer commanding the convoy or escort, who will satisfy himself that the numbers of packages agree with the account given to him, and, together with the consignor, will sign the convoy notes made out in triplicate. One of the notes will be retained by the consignor, and the other two will be handed over to the officer commanding the escort, or to the 1st class Staff Serjeant Major, who will give one to the consignee and obtain his receipt on the other, which he will retain. The day and hour of departure will be inserted upon the convoy notes by the consignor.

Receipt vouchers.

30. If when stores are received from a unit, the regular receipt vouchers are not forthcoming, the stores will nevertheless be accepted at the risk of the consignor, to whom the Ordnance Store Officer will report the omission. The consignor will then furnish the necessary vouchers without delay.

Deficiencies.

31. When the packages do not agree with the convoy notes, or appear to have been tampered with, the consignee will inquire into the cause. If the discrepancy appear to arise from negligence or fraud, such measures will be taken as may be requisite, in order that the offender may be punished. If it appear to arise from just and fair causes, the consignee will obtain a certificate of the cause of any such deficiency, damage, or loss, before the officer in command of the escort or the 1st class Staff Serjeant Major is discharged. Should a court of inquiry seem to be necessary, the consignee will apply for one to the General Officer Commanding.

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VII.—ISSUE OF STORES ON BOARD SHIP.

Charge of.

32. When Ordnance Store Officers embark with stores consigned to the Ordnance Store Department, such stores will be in charge of the Master of the ship, in accordance with the bill of lading signed by him, and the owners are liable for any loss or damage.

Issue during voyage.

33. If there be troops on board, and if during the voyage the Commanding Officer should require, on emergency, an issue to the troops of any articles consigned to the Ordnance Store Department, he will make requisition on the Ordnance Store Officer, certifying in writing that the urgency of the service demands a departure from the general rule. The Ordnance Store Officer will then apply to the Master for the packages required, and give him a receipt on the Master's bill of lading for such as he may receive. He will afterwards take receipts from the Commanding Officer for all stores so issued, and hand them, with a report of his proceedings, to the Senior Ordnance Store Officer at the port of debarkation on arrival. Stores issued to the troops under these circumstances will be accounted for by the Commanding Officer.

VIII.—BOARDS OF SURVEY AND COURTS OF INQUIRY.

Boards for condemnation of stores.

34. Condemnations of stores must be supported by proceedings of Garrison Boards on Army Form No. A 2, where Boards are requisite.

Prompt investigation of loss of equipment.

35. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the Commanding Officer will at once bring the circumstance to the notice of the General Officer Commanding, through the Adjutant General's Department, in order that it may be investigated by a court of inquiry, and, in the event of such Court not duly making a report on the subject, he will not be relieved of liability for any loss that may have occurred. The Court will be composed, if possible, of officers not belonging to the corps interested. If there be an Ordnance Store Officer available, who is not the Senior Ordnance Store Officer of the Division, he will serve as a member.

The proceedings of the Court of Inquiry will be transmitted in duplicate by the President, direct to the Senior Ordnance Store Officer of the Division, who will see that they are complete and then submit them, with his views, to the General Officer Commanding. After

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the General Officer Commanding has recorded his decision, the Senior Ordnance Store Officer will send one copy to the Officer Commanding the corps concerned, to serve as his covering authority to demand new articles to replace those lost or damaged. The Commanding Officer will append this copy to his requisition for the supply.

When supply is necessary before the General Officer has given his decision, the Commanding Officer's copy of the proceedings will be noted, as soon as he receives it, and passed on to the Ordnance Store Officer, quoting the requisition on which the issue was made, to which it will then be attached.

The duplicate copy will be sent by the Senior Ordnance Store Officer to the local Auditor of Army Accounts, or, if there is no such appointment, to the Adjutant General to the Forces, Horse Guards.

Should the loss or damage form the subject of a charge before a Court Martial, two copies of the finding of the Court, and confirmation of the General Officer Commanding, will be sent by the Commanding Officer to the Senior Ordnance Store Officer as soon as possible, for attachment to the original and duplicate proceedings.

36. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Royal Engineers, Medical Department, or any particular service, the written opinion of the local head of the Service or Department concerned should be taken before the matter is finally dealt with by the General Officer Commanding, and will form part of the proceedings. Special stores.

IX.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST CORPS.

37. Accountants, while on active service, will record in their equipment ledgers all transactions connected with ammunition and stores. Consumable articles drawn for expenditure will not be inserted. Ledgers.

38. Articles of equipment lost or destroyed, and chargeable to the troops, will be struck off charge by a voucher, on which will be quoted the date and number of the cash voucher to the Pay List in which credit for their value is given. Articles lost or destroyed.

39. No articles of equipment will be transferred from one equipment ledger charge to another, except under authority of the General Officer Commanding, obtained through the Senior Ordnance Store Officer. Such transfer will be supported by vouchers upon which the authority for the transfer should be quoted. When either of the Transfer of equipment.

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officers concerned desires that an Ordnance Store Officer should be present at the transfer, one will be directed to attend, if available, on application. In the case of units belonging to different branches of the Service, the receipt and issue vouchers will be passed under cover to the Senior Ordnance Store Officer of the Division, who will countersign them and pass them to the respective accountants. Vouchers will likewise be passed for all equipment that may be taken by men detached from their corps, but not permanently transferred, to serve with another corps also in the field. The above does not refer to transfers of equipment from one Commanding Officer to another on a change of command, which are governed by paragraph 9, Part I.

Charges for damages, &c.

40. The value of all arms, accoutrements, and other stores rendered unserviceable by neglect or carelessness, will be recovered from the soldiers chargeable, and credited in the regimental accounts. Charges will be made only for the proportionate value of the unexpired period of wear, except in cases of wilful damage, when they will be assessed according to the extent of such damage. Not less than half-price will be charged for any article wilfully or carelessly lost and for which the soldier has been held liable, although it may have been in use the prescribed period of wear.

The amount to be charged on account of any one arm will not exceed 40*s.*, and the period of wear will be taken as 12 years for the purpose of assessing charges for arms, bayonets (sword and triangular), and swords; also for any other article of equipment for which no period of wear has been fixed.

Payment by non-accountants.

41. When Officers against whom claims are made have no cash account with the War Office, payment will be made by them to the District Paymaster.

Loss by desertion.

42. When articles of equipment are ascertained to have been lost through desertion, they will be struck off charge by voucher Army Form P 1925, on which will be stated the Regimental number, rank, name and date of desertion of each man, as well as, in detail, the articles taken by him, and the value of each article. These articles and their respective values will be entered on Army Form P 1963, and will be charged against the deserter, and credited to the public in the current pay list of the squadron, battery, or company.

Deserter rejoining.

43. In the event of a deserter, on rejoining, being in possession of any of the articles of equipment charged against him on desertion, as directed in paragraph 42, the articles brought back by him will be taken on charge in the equipment ledger, and the amount which was charged against the soldier on desertion will be credited to him

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for such articles as are in a serviceable condition, and will be admitted as a charge against the public, if supported by a reference to the pay list and the voucher on Army Form P 1963 on which the amount was credited to the public at the time of desertion.

Return of stoppages.

44. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any soldiers liable to make good the value of articles of equipment under paragraphs 40 to 43. The stoppage returns will be made out by squadrons, batteries or companies. In the cavalry and infantry the amount due from each squadron or company will appear in Regimental Orders for the month in which the stoppages are recoverable from the soldier, and will be credited in the pay list for the month, the returns being annexed as vouchers.

Losses through glandered horses.

45. The order sanctioning the destruction of a glandered horse will be quoted as the authority for striking off charge portions of harness or saddlery destroyed in order to prevent infection.

Balancing and rendering of accounts.

46. Equipment Accounts will be balanced half-yearly (to 30th September and 31st March) and rendered, with their supporting vouchers, to the local Auditor of Army Accounts, or, if there is no such appointment, to the Secretary of State for War, War Office.

X.—ARMS AND ACCOUTREMENTS.

Disposal of Arms, Ammunition, and Accoutrements of Sick and Wounded in the Field.

Charge of equipment of men in hospital.

47. The arms, accoutrements, and ammunition of men received into hospital in the field will be taken charge of by the Army Medical Department in the first instance, as directed in paragraphs 627, 628, 629, 637, and 656, Regulations for Army Medical Services, Part I.

If the man is likely to return to his duty soon, his equipment will be retained by the Army Medical Department, and returned to the man on his discharge to duty.

If the man is not likely to be again fit for duty at the front, his equipment will be handed over to the nearest Ordnance Store Depôt.

The Officer in charge of the hospital, from which arms, &c., of patients are returned to store, will pass delivery and receipt vouchers, Army Form No. G 1033 (which will show the corps to which the equipment belongs), with the Ordnance Store Officer to whom he hands the equipment. The Ordnance Store Officer will send a duplicate receipt to the officer commanding the corps concerned, to enable him to clear his charge.

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Supply for Armed Drafts proceeding on Active Service.

48. Men selected for drafts proceeding to join a force engaged on active service abroad will take with them the arms and accoutrements already in their possession, which arms and accoutrements will be replaced.

Transfer of.

49. When the drafts proceed from their stations, the Commanding Officers of their respective corps or depôts will transfer their arms and accoutrements to the Commanding Officers serving abroad, who will become accountable for them. Commanding Officers will take a temporary receipt from the officer or non-commissioned officer in command of each draft, to hold good until the regular issue vouchers shall have been received from the unit concerned.

Marking.

50. The earliest opportunity will be taken by Commanding Officers in the field receiving such arms and accoutrements with drafts, to have the articles re-marked with the proper corps marks, the old marking being at the same time scored across.

XI.—AMMUNITION.

51. Service small arm ammunition will be supplied at the rates given in the Tables of Details.

When mobilizing for Home Defence, cavalry and infantry units will retain the 20 rounds per carbine or rifle of their peace supply of service ammunition, receiving the balance at the places named in the Mobilization Tables.

For service abroad, these units will return all their ammunition into store before leaving their station, and will receive their service supply at the places mentioned in the Mobilization Tables.

Application for service ammunition will be made on Army Form G 815.

The expense voucher by which service ammunition is struck off charge must refer to the circumstances and authority (if any) under which the expenditure took place.

Normally, ammunition will be replenished, in the field, from ammunition columns. But in cases of emergency units will draw direct upon the nearest store of ammunition available.

XII.—HARNESS, SADDLERY, AND STABLE NECESSARIES.

52. Saddlery will only be supplied at the public expense to officers provided with horses which are the property of the public, to officers belonging to mounted units of the Royal Engineers, and to certain officers of Army Service Corps, as shown in Tables of Details.

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Horse Shoes.

Stable necessaries, including nose bags, corn sacks, and corn bags, will be supplied on demand for all horses in the proportions laid down in the several corps details annexed to these Regulations.

XIII.—HORSE SHOES.

53. On active service, all horses and other animals requiring shoes will be shod with machine-made shoes, which will be supplied to the several arms according to the following scale, unless otherwise demanded :—

Cavalry.

5	per cent.	of No.	2
21	,,	,,	3
35	,,	,,	4
28	,,	,,	5
9	,,	,,	6
1	,,	,,	7
1	,,	,,	8

Royal Engineers, Regimental Transport, and Army Service Corps.

18	per cent.	of No.	5
3	,,	,,	5 with calkins
15	,,	,,	6
18	,,	,,	6 with calkins
11	,,	,,	7
20	,,	,,	7 with calkins
6	,,	,,	8
9	,,	,,	8 with calkins

Royal Artillery.

4	per cent.	of No.	3
16	,,	,,	4
20	,,	,,	5
3	,,	,,	5 with calkins
20	,,	,,	6
8	,,	,,	6 with calkins
7	,,	,,	7
10	,,	,,	7 with calkins
4	,,	,,	8
8	,,	,,	8 with calkins

Mules and Donkeys.

10	per cent.	of No.	11
20	,,	,,	12
35	,,	,,	13
20	,,	,,	14
10	,,	,,	15
5	,,	,,	16

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60 nails per set of shoes will be issued.

Every horse will carry a fore and hind shoe, and sufficient nails in the shoe case, the other hind and fore shoe, as well as 15 per cent. of the establishment of sets of shoes, will be carried regimentally.

XIV.—CAMP EQUIPMENT AND INTRENCHING TOOLS.

Proportions.

54. The proportions of Camp Equipment and Intrenching Tools allowed, under ordinary circumstances, for the various units of the Army are shown in the several corps details.

Picketing gear and forage nets.

55. Picketing gear and forage nets will be supplied in camp free of charge for the regulated number of officers' horses.

Tents and blankets.

56. No tents or blankets are provided for the field army for home defence after the units have left their places of concentration.

Issues on Standing Camp scale.

57. General Officers Commanding will determine when camp equipment shall be issued on the "Standing Camp" scale. On active service abroad time must be allowed to bring up stores from the base, to admit of large issues on the higher scale.

XV.—MISCELLANEOUS STORES.

Wicks and candles for lamps and lanterns.

58. All lamps and lanterns which burn oil when first issued by the Ordnance Store Department for field service will be complete with one foot of wick. Officers Commanding corps using lamps or lanterns of special patterns will be responsible that all such lamps or lanterns are fitted with one foot of wick on taking the field, and, on joining the force, will immediately notify the Army Service Corps Officer providing them of the descriptions of oil and wick required, and number of lamps or lanterns.

The wicks for magazine lanterns and signalling lamps will be issued to the troops by the Army Service Corps, on the usual requisition, for field as well as for general service.

The first supply of candles required for lanterns will be obtained by local purchase by Officers Commanding units at their mobilization stations.

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DETAILS OF EQUIPMENT

OF

HER MAJESTY'S ARMY.

PART 3.—SECTION X.

WAR.

REMOUNT DEPOT AND SICK HORSE DEPOT.

WAR OFFICE, 1893

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PART 3.—DETAILS OF EQUIPMENT.

WAR.

SECTION X.—REMOUNT DEPOT AND SICK HORSE DEPOT.

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ESTABLISHMENTS.

Arms.

TABLE 1.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section I. (1).			
MARTINI-HENRY.			
Carbines, cavalry	288	147	1 per serjeant, and man of rank and file.
Guards, hand, carbine	288	147	
Implements, action	12	6	1 per serjeant.
Jags	288	147	1 per serjeant, and man of rank and file.
Protectors, front sight, carbine ...	288	147	
Springs, main	12	6	1 per serjeant.
Strikers, rifle, Mark III.	12	6	
Pistols Webley	13	7	1 per warrant officer, staff serjeant, serjeant farrier, squadron serjeant major, and trumpeter.
Pistols ,, Rods, cleaning, L.S	13	7	
Scabbards, sword, cavalry, pattern 1885.	301	154	All ranks.
Swords, cavalry, pattern 1890 ...	301	154	

Ammunition.

TABLE 2.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section V. (2).			
Cartridges, small-arm, ball — M.-H. carbine	5,760	2,940	
Cartridges, small-arm, ball — pistol, Webley	156	84	

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Accoutrements.

TABLE 3.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section I. (2).			
Belts, pouch, buff, cavalry, line — staff serjeants	7	3	1 per warrant officer, staff serjeant, and squadron serjeant major.
Belts, pouch, buff, cavalry, line — O.R.	290	149	All other ranks (except serjeant farriers).
Belts, waist, buff, cavalry, patt. '85 ... — staff serjeants	7	3	1 per warrant officer, staff serjeant, and squadron serjeant major.
Belts, waist, buff, cavalry, patt. '85 ... — O.R.	294	151	All other ranks.
Bottles, water, enamelled	301	154	All ranks.
Cases, brown, pistol, L.S.	13	7	1 per pistol.
Knots, sword, buff — G.S.	7	3	1 per warrant officer, staff serjeant, and squadron serjeant major.
Knots, sword, buff — cavalry, line, O.R. ...	294	151	All other ranks
Lanyards, pistol	13	7	1 per pistol.
Pouches, ammunition — black, japanned, cavalry, line — carbine	288	147	1 per carbine.
Pouches, ammunition — black, japanned, cavalry, line — pistol — S.S.	7	3	1 per warrant officer, staff serjeant, and squadron serjeant major.
Pouches, ammunition — black, japanned, cavalry, line — pistol — trumpeters	2	2	1 per trumpeter.
Pouches, ammunition — buff, pistol, farriers, cavalry, line.	4	2	1 per farrier.
Straps, buff, water bottle	301	154	All ranks.

Musical Instruments.

TABLE 4.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section I. (3).			
Bugles	2	2	
Strings, green	4	4	
Trumpets	2	2	

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Sect. X. Remount Depot and Sick Horse Depot.

Camp and Field Equipment.

TABLE 5.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section II. (1).			
Blankets { G.S.	301	154	All ranks (abroad only).
Blankets { horse, brown, Mark II. ...	618	309	
Boxes { candle, F.S.	5	3	1 per lantern.
Boxes { stationery, field	2	2	
Buckets, water, G.S. { canvas ...	40	20	
Buckets, water, G.S. { leather ...	10	5	
Kettles, camp, oval, 12 quarts ...	42	22	
Lanterns, tent, folding	5	3	
Mallets, heel peg...	80	40	
Nets, forage ... ...pairs	616	309	
Pegs, picketing, with rope loop ...	155	78	
Ropes { head, cotton	616	309	
Ropes { heel	62	31	
Ropes { picketing, 4-ft. 9-in.	616	309	
Sheets, field, cavalry	314	161	
Tents, complete, single, circular, linen	34	19	Abroad only.

Harness and Saddlery.

TABLE 6.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section II. (3).			
Saddlery, universal sets, cavalry { with carbine bucket	27	13	
Saddlery, universal sets, cavalry { without buckets	13	7	

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 7.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section II. (3).			
Bags corn, 2 bushels	416	209	
Bags nose, G.S.	616	309	
Brushes, horse	600	300	
Combs, curry	600	300	
Pickers, hoof	301	154	
Sacks, corn, 4-bushel	80	40	
Sponges, G.S.	600	300	

Tools, Artificers and Labourers.

TABLE 8.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section III.			
Axes felling, curved helve	5	3	
Axes hand	17	9	
Axes pick Heads, 6½ lbs.	12	6	
Axes pick Helves, 34½-inch ...	12	6	
Hooks bill	5	3	
Hooks reaping, large...	32	16	
Scissors, trimming ... ...pairs	20	10	
Shovels, universal	26	13	
Spades N.P.	6	3	

Implements, Butchers.

TABLE 9.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section II. (1).			
Balances, spring, 4 lbs.	1	1	
Cases, butchery implements	1	1	
Sheets, ground, unserviceable ...	1	1	
Vocabulary Section III.			
Saws, tenon, 14-inch	1	1	

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Sect. X. Remount Depot and Sick Horse Depot.

Implements, Butchers—*continued.*

TABLE 9—*continued.*	Remount Depôt.	Sick Horse Depôt.
Vocabulary Section VI.		
Choppers, meat	1	1
Hooks, butchers, dressing, 9-inch ...	6	6
Knives, butchers { cutting	1	1
Knives, butchers { flaying, large ...	1	1
Steels, butchers	1	1
Steelyards, 56 lbs.	1	1

Articles not included in other Tables.

TABLE 10.	Remount Depôt.	Sick Horse Depôt.	General Proportions.
Vocabulary Section IV.			
Shoes, horse, fore and hind, with nails ... ... sets	56	29	

Articles required for Sick Horses.

(1st *Regimental Equipment.*)

3 months' supply.

TABLE 11.	Per 100 horses.
Vocabulary Section II. (3).	
Bandages, horse	6
Sponges, G.S.	2*
Vocabulary Section IV.	
Canvas, packing, Hessian, 47-inch (for poultices) ... ... yds.	2
Corks, assorted	6
Flannel, old (for fomentations) ... ... lbs.	7½
Linen, unbleached (for bandages) ... ... yds.	3
Numnahs, old (for foot swabs)	2
Paper { brown, common (for packing) ... ... quires	¼
Paper { white, fine (for balls) ... ... ,,	¼
Pins, mixed ... ... oz.	¾
Tape, white, ¾-inch ... ... pieces	1*
Tow { coarse ... ... lbs.	
Tow { fine ... ... ,,	
Twine, packing, small ... ... oz.	

* To be drawn at these rates every six months only.

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Despatch No.....

U. S. LEGATION,

LONDON.

August 15 1893

Major J. C. POST,

Corps of Eng'rs.

Military Attaché.

MILITARY INFORMATION DIVISION, A. G. O.

SECTION.	SUBJECT.
SHELF.	EQUIPMENT GREAT BRITAIN.

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Equipment
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REGULATIONS

FOR THE

EQUIPMENT OF HER MAJESTY'S ARMY.

PART 3.

WAR.

WAR OFFICE, 1893.

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PART 3.—GENERAL REGULATIONS.

WAR.

I.—INTRODUCTORY.

1. In the Tables of Details appended to Part 3, provision is made for the equipment of units on war establishment, as given in Field Army Establishments, 1892, and under normal conditions. **Tables of Details.**

2. In the absence of orders to the contrary, Officers Commanding units allotted to the Field Army will on mobilization demand stores according to the scales given. **Demands.**

3. A portion of the war equipment is held by units in peace as shown in Part 2—the balance (termed "Mobilization Stores") is held by the Ordnance Store Department at the stations named in the Mobilization Tables. **Custody of**

4. The stores supplied by the Ordnance Store Department to units on mobilization are comprised under three heads, viz. :— **Classification of mobilization stores**

1. Personal equipment.
2. 1st Regimental equipment.
3. 2nd Regimental equipment.

The articles included under each head are indicated in the Tables of Details.

Broadly considered—

Personal Equipment comprises arms and accoutrements.

1st Regimental Equipment comprises all stores supplied by the Ordnance Store Department, other than those included under Personal or 2nd Regimental Equipment.

2nd Regimental Equipment comprises small-arm ammunition, tents (for service abroad), and the vehicles which carry them ; vehicles which belong to ammunition columns ; ambulance wagons, supply wagons, and water-carts.

5. Each general service wagon, forage cart, or pack animal is equipped with certain stores, termed "wagon" **Wagon, cart, and pack stores.**

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"cart" or "pack" stores (as the case may be). Lists of these stores are given in the Tables of Details.

Wagon and cart stores will always accompany the vehicle for which they are supplied, and they will be considered as "1st" or "2nd" Regimental equipment according to the classification of the vehicle to which they appertain, and will be stored and demanded accordingly. Pack stores are always "1st Regimental equipment."

Issues.

6. When troops are actually in the field, it may not be always possible or advisable to meet requisitions sent in, even though they are according to scales laid down. Many circumstances may affect this matter, such as the state of the reserves; priority of claim, having due regard to the Service as a whole; and special circumstances of which Commanding Officers may not be cognizant. All these must be taken into consideration before stores are issued according to scales given in the tables.

7. When it becomes likely that the stores in Ordnance Store charge will become insufficient to meet demands made on scales laid down, it will be the duty of Ordnance Store Officers to bring the circumstances to the notice of the General Officer Commanding, and to take his orders thereon as to what proportions shall be issued.

II.—DUTIES OF OFFICERS.

Duties of General Officers Commanding Districts.

G.O.C. to facilitate issues.

8. When mobilization has been ordered, General Officers Commanding Districts will facilitate by all possible means the speedy issue of mobilization stores in their districts held for, and demanded by units named in the Mobilization Tables, wherever these units may be stationed at the time they make their demands.

Instructions for issuing stores.

9. The Regulations for Mobilization contain detailed instructions to all concerned as to sending for these stores, and in the event of several units waiting to receive their stores, the senior officer on the spot will decide in what order they are to be supplied.

Peace Establishment to be kept up.

10. Equipment in possession of units in peace should be complete up to peace establishment, and in a condition efficient for war, and on this basis the balance held by the Ordnance Store Department is estimated and provided.

Unserviceable articles in possession.

11. In the event, however, of any articles in possession being found on mobilization unserviceable for war, they must be replaced by serviceable stores, so far as the demand can be met from the general stock kept by the Ordnance Store Department in the district. The General

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Officers Commanding Districts will decide as to priority of issue in doubtful cases, due consideration being given to the requirements of all units drawing from the store stations in question.

Duties of Commanding Officers.

C.O. as accountant.

12. The Commanding Officer of a "unit," as defined in the Regulations for Mobilization, is an accountant to the War Office.

Detachment as accounting body, &c.

13. Whenever in the field it has been decided to constitute an independent detachment, or irregular levy, or corps, into an accounting body, or when an individual officer is detailed to act in an independent capacity, the fact will be announced in the General Orders of the force. The Senior Ordnance Store Officer at the Head Quarters of the force will furnish the necessary account books and forms, with instructions, to the corps or officers concerned, pointing out when the first accounts will be due.

III.—ESTIMATES FOR EQUIPMENT.

Consumable articles.

14. Equipment is provided in these regulations for units up to war establishment, and consumable articles (except ammunition) for 3 months' supply.

Estimates when forwarded.

15. In the field, estimates of probable requirements will be sent to Senior Ordnance Store Officers of Divisions (or of the Line of Communication, in the case of Line of Communication troops, if on service abroad) in time to admit of stores being brought up as required.

Reserve or spare stores.

16. On service abroad neither reserve nor spare stores will be kept available for issue beyond the advanced depôt.

Regimental transport.

17. It must be borne in mind that regimental transport is provided only for the articles named in the Tables of Details.

IV.—REQUISITIONS FOR EQUIPMENT.

Demands for mobilization stores.

18. The Ordnance Stores required by each unit on mobilization are shown in "Mobilization Store Tables," which are issued to officers commanding units. Copies of these tables are kept with the stores for each unit, as are also receipt and issue vouchers, on Army Forms, G. 1087 to G. 1095, according to the service concerned, which will be passed in the usual manner.

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Transfers.

Home Defence, Garrison, and unallotted units.

19. Units allotted to Garrisons for Home Defence and unallotted units for Home Defence will demand articles of personal equipment only (cavalry will also demand saddlery), in the proportions given in the Tables of Details for the Field Army. The other stores required will be arranged for, as directed in the Regulations for Mobilization.

Conveyance of stores.

20. The unit which demands the stores will arrange for their conveyance as directed in the Regulations for Mobilization.

Deficiencies on receipt.

21. In the event of any deficiency of, or injury to, stores being discovered on their arrival at the unit, demands will be at once sent in to make good what is required. These demands will be met at once if the general store admits. The matter will be reported to the General Officer Commanding the District, if necessary, for after adjustment.

Staff units.

22. Equipment for staff units (including Military Police) will be demanded by one officer per staff, who will be the accounting officer, and who will be detailed for this purpose by the General or other Officer Commanding the unit.

Issues on payment.

23. On active service, when necessary articles of equipment are not otherwise procurable, the General Officer Commanding may allow such to be issued to officers on payment when the store admits; the transaction will not appear in the regimental accounts. Departmental expenses will not be added.

Personal equipment.

24. When detachments are despatched for active service, they will take with them their complete personal equipment, which will be transferred in the manner laid down in paragraph 25.

V.—TRANSFERS.

Disposal of arms and accoutrements.

25. Military Staff Clerks, all ranks of the Medical Staff Corps, and Ordnance Store Corps, and 1st Class Staff Serjeant-Majors, dismounted warrant officers, and men of the Army Service Corps, will take their arms and accoutrements with them on transfer from one unit to another. Regular vouchers will be passed from one accountant to another for arms and accoutrements so transferred.

26. In all other cases, men transferred will leave their arms and accoutrements with the units in which they have been serving, and they will be provided with fresh equipment on joining their war unit.

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Men sent from their unit to the depôt on mobilization will leave with their units the personal equipment already in possession.

VI.—RETURN OF EQUIPMENT INTO STORE.

27. All stores which are surplus to the war establishment, and which do not accompany men sent from the unit to the depôt on mobilization, will be returned to the nearest Ordnance Store, but this is not to delay the issue of mobilization stores to the unit. **Surplus stores.**

28. Stores should not be returned by units to the Ordnance Store Department in the field, unless they are not likely soon to be required again, or cannot be carried. **In the field.**

29. When stores are forwarded by convoy or under escort, convoy notes, Army Form F 754, will be delivered to the officer commanding the convoy or escort, who will satisfy himself that the numbers of packages agree with the account given to him, and, together with the consignor, will sign the convoy notes made out in triplicate. One of the notes will be retained by the consignor, and the other two will be handed over to the officer commanding the escort, or to the 1st class Staff Serjeant Major, who will give one to the consignee and obtain his receipt on the other, which he will retain. The day and hour of departure will be inserted upon the convoy notes by the consignor. **Convoy notes.**

30. If when stores are received from a unit, the regular receipt vouchers are not forthcoming, the stores will nevertheless be accepted at the risk of the consignor, to whom the Ordnance Store Officer will report the omission. The consignor will then furnish the necessary vouchers without delay. **Receipt vouchers.**

31. When the packages do not agree with the convoy notes, or appear to have been tampered with, the consignee will inquire into the cause. If the discrepancy appear to arise from negligence or fraud, such measures will be taken as may be requisite, in order that the offender may be punished. If it appear to arise from just and fair causes, the consignee will obtain a certificate of the cause of any such deficiency, damage, or loss, before the officer in command of the escort or the 1st class Staff Serjeant Major is discharged. Should a court of inquiry seem to be necessary, the consignee will apply for one to the General Officer Commanding. **Deficiencies.**

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VII.—ISSUE OF STORES ON BOARD SHIP.

Charge of.

32. When Ordnance Store Officers embark with stores consigned to the Ordnance Store Department, such stores will be in charge of the Master of the ship, in accordance with the bill of lading signed by him, and the owners are liable for any loss or damage.

Issue during voyage.

33. If there be troops on board, and if during the voyage the Commanding Officer should require, on emergency, an issue to the troops of any articles consigned to the Ordnance Store Department, he will make requisition on the Ordnance Store Officer, certifying in writing that the urgency of the service demands a departure from the general rule. The Ordnance Store Officer will then apply to the Master for the packages required, and give him a receipt on the Master's bill of lading for such as he may receive. He will afterwards take receipts from the Commanding Officer for all stores so issued, and hand them, with a report of his proceedings, to the Senior Ordnance Store Officer at the port of debarkation on arrival. Stores issued to the troops under these circumstances will be accounted for by the Commanding Officer.

VIII.—BOARDS OF SURVEY AND COURTS OF INQUIRY.

Boards for condemnation of stores.

34. Condemnations of stores must be supported by proceedings of Garrison Boards on Army Form No. A 2, where Boards are requisite.

Prompt investigation of loss of equipment.

35. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the Commanding Officer will at once bring the circumstance to the notice of the General Officer Commanding, through the Adjutant General's Department, in order that it may be investigated by a court of inquiry, and, in the event of such Court not duly making a report on the subject, he will not be relieved of liability for any loss that may have occurred. The Court will be composed, if possible, of officers not belonging to the corps interested. If there be an Ordnance Store Officer available, who is not the Senior Ordnance Store Officer of the Division, he will serve as a member.

The proceedings of the Court of Inquiry will be transmitted in duplicate by the President, direct to the Senior Ordnance Store Officer of the Division, who will see that they are complete and then submit them, with his views, to the General Officer Commanding. After

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the General Officer Commanding has recorded his decision, the Senior Ordnance Store Officer will send one copy to the Officer Commanding the corps concerned, to serve as his covering authority to demand new articles to replace those lost or damaged. The Commanding Officer will append this copy to his requisition for the supply.

When supply is necessary before the General Officer has given his decision, the Commanding Officer's copy of the proceedings will be noted, as soon as he receives it, and passed on to the Ordnance Store Officer, quoting the requisition on which the issue was made, to which it will then be attached.

The duplicate copy will be sent by the Senior Ordnance Store Officer to the local Auditor of Army Accounts, or, if there is no such appointment, to the Adjutant General to the Forces, Horse Guards.

Should the loss or damage form the subject of a charge before a Court Martial, two copies of the finding of the Court, and confirmation of the General Officer Commanding, will be sent by the Commanding Officer to the Senior Ordnance Store Officer as soon as possible, for attachment to the original and duplicate proceedings.

Special stores.

36. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Royal Engineers, Medical Department, or any particular service, the written opinion of the local head of the Service or Department concerned should be taken before the matter is finally dealt with by the General Officer Commanding, and will form part of the proceedings.

IX.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST CORPS.

Ledgers.

37. Accountants, while on active service, will record in their equipment ledgers all transactions connected with ammunition and stores. Consumable articles drawn for expenditure will not be inserted.

Articles lost or destroyed.

38. Articles of equipment lost or destroyed, and chargeable to the troops, will be struck off charge by a voucher, on which will be quoted the date and number of the cash voucher to the Pay List in which credit for their value is given.

Transfer of equipment.

39. No articles of equipment will be transferred from one equipment ledger charge to another, except under authority of the General Officer Commanding, obtained through the Senior Ordnance Store Officer. Such transfer will be supported by vouchers upon which the authority for the transfer should be quoted. When either of the

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officers concerned desires that an Ordnance Store Officer should be present at the transfer, one will be directed to attend, if available, on application. In the case of units belonging to different branches of the Service, the receipt and issue vouchers will be passed under cover to the Senior Ordnance Store Officer of the Division, who will countersign them and pass them to the respective accountants. Vouchers will likewise be passed for all equipment that may be taken by men detached from their corps, but not permanently transferred, to serve with another corps also in the field. The above does not refer to transfers of equipment from one Commanding Officer to another on a change of command, which are governed by paragraph 9, Part I.

Charges for damages, &c.

40. The value of all arms, accoutrements, and other stores rendered unserviceable by neglect or carelessness, will be recovered from the soldiers chargeable, and credited in the regimental accounts. Charges will be made only for the proportionate value of the unexpired period of wear, except in cases of wilful damage, when they will be assessed according to the extent of such damage. Not less than half-price will be charged for any article wilfully or carelessly lost and for which the soldier has been held liable, although it may have been in use the prescribed period of wear.

The amount to be charged on account of any one arm will not exceed 40*s.*, and the period of wear will be taken as 12 years for the purpose of assessing charges for arms, bayonets (sword and triangular), and swords; also for any other article of equipment for which no period of wear has been fixed.

Payment by non-accountants.

41. When Officers against whom claims are made have no cash account with the War Office, payment will be made by them to the District Paymaster.

Loss by desertion.

42. When articles of equipment are ascertained to have been lost through desertion, they will be struck off charge by voucher Army Form P 1925, on which will be stated the Regimental number, rank, name and date of desertion of each man, as well as, in detail, the articles taken by him, and the value of each article. These articles and their respective values will be entered on Army Form P 1963, and will be charged against the deserter, and credited to the public in the current pay list of the squadron, battery, or company.

Deserter rejoining.

43. In the event of a deserter, on rejoining, being in possession of any of the articles of equipment charged against him on desertion, as directed in paragraph 42, the articles brought back by him will be taken on charge in the equipment ledger, and the amount which was charged against the soldier on desertion will be credited to him

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for such articles as are in a serviceable condition, and will be admitted as a charge against the public, if supported by a reference to the pay list and the voucher on Army Form P 1963 on which the amount was credited to the public at the time of desertion.

Return of stoppages.

44. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any soldiers liable to make good the value of articles of equipment under paragraphs 40 to 43. The stoppage returns will be made out by squadrons, batteries or companies. In the cavalry and infantry the amount due from each squadron or company will appear in Regimental Orders for the month in which the stoppages are recoverable from the soldier, and will be credited in the pay list for the month, the returns being annexed as vouchers.

Losses through glandered horses.

45. The order sanctioning the destruction of a glandered horse will be quoted as the authority for striking off charge portions of harness or saddlery destroyed in order to prevent infection.

Balancing and rendering of accounts.

46. Equipment Accounts will be balanced half-yearly (to 30th September and 31st March) and rendered, with their supporting vouchers, to the local Auditor of Army Accounts, or, if there is no such appointment, to the Secretary of State for War, War Office.

X.—ARMS AND ACCOUTREMENTS.

Disposal of Arms, Ammunition, and Accoutrements of Sick and Wounded in the Field.

Charge of equipment of men in hospital.

47. The arms, accoutrements, and ammunition of men received into hospital in the field will be taken charge of by the Army Medical Department in the first instance, as directed in paragraphs 627, 628, 629, 637, and 656, Regulations for Army Medical Services, Part I.

If the man is likely to return to his duty soon, his equipment will be retained by the Army Medical Department, and returned to the man on his discharge to duty.

If the man is not likely to be again fit for duty at the front, his equipment will be handed over to the nearest Ordnance Store Depôt.

The Officer in charge of the hospital, from which arms, &c., of patients are returned to store, will pass delivery and receipt vouchers, Army Form No. G 1033 (which will show the corps to which the equipment belongs), with the Ordnance Store Officer to whom he hands the equipment. The Ordnance Store Officer will send a duplicate receipt to the officer commanding the corps concerned, to enable him to clear his charge.

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Supply for Armed Drafts proceeding on Active Service.

48. Men selected for drafts proceeding to join a force engaged on active service abroad will take with them the arms and accoutrements already in their possession, which arms and accoutrements will be replaced.

Transfer of.

49. When the drafts proceed from their stations, the Commanding Officers of their respective corps or depôts will transfer their arms and accoutrements to the Commanding Officers serving abroad, who will become accountable for them. Commanding Officers will take a temporary receipt from the officer or non-commissioned officer in command of each draft, to hold good until the regular issue vouchers shall have been received from the unit concerned.

Marking.

50. The earliest opportunity will be taken by Commanding Officers in the field receiving such arms and accoutrements with drafts, to have the articles re-marked with the proper corps marks, the old marking being at the same time scored across.

XI.—AMMUNITION.

51. Service small arm ammunition will be supplied at the rates given in the Tables of Details.

When mobilizing for Home Defence, cavalry and infantry units will retain the 20 rounds per carbine or rifle of their peace supply of service ammunition, receiving the balance at the places named in the Mobilization Tables.

For service abroad, these units will return all their ammunition into store before leaving their station, and will receive their service supply at the places mentioned in the Mobilization Tables.

Application for service ammunition will be made on Army Form G 815.

The expense voucher by which service ammunition is struck off charge must refer to the circumstances and authority (if any) under which the expenditure took place.

Normally, ammunition will be replenished, in the field, from ammunition columns. But in cases of emergency units will draw direct upon the nearest store of ammunition available.

XII.—HARNESS, SADDLERY, AND STABLE NECESSARIES.

52. Saddlery will only be supplied at the public expense to officers provided with horses which are the property of the public, to officers belonging to mounted units of the Royal Engineers, and to certain officers of Army Service Corps, as shown in Tables of Details.

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Horse Shoes.

Stable necessaries, including nose bags, corn sacks, and corn bags, will be supplied on demand for all horses in the proportions laid down in the several corps details annexed to these Regulations.

XIII.—HORSE SHOES.

53. On active service, all horses and other animals requiring shoes will be shod with machine-made shoes, which will be supplied to the several arms according to the following scale, unless otherwise demanded :—

Cavalry.

5	per cent.	of No.	2
21	,,	,,	3
35	,,	,,	4
28	,,	,,	5
9	,,	,,	6
1	,,	,,	7
1	,,	,,	8

Royal Engineers, Regimental Transport, and Army Service Corps.

18	per cent.	of No.	5
3	,,	,,	5 with calkins
15	,,	,,	6
18	,,	,,	6 with calkins
11	,,	,,	7
20	,,	,,	7 with calkins
6	,,	,,	8
9	,,	,,	8 with calkins

Royal Artillery.

4	per cent.	of No.	3
16	,,	,,	4
20	,,	,,	5
3	,,	,,	5 with calkins
20	,,	,,	6
8	,,	,,	6 with calkins
7	,,	,,	7
10	,,	,,	7 with calkins
4	,,	,,	8
8	,,	,,	8 with calkins

Mules and Donkeys.

10	per cent.	of No.	11
20	,,	,,	12
35	,,	,,	13
20	,,	,,	14
10	,,	,,	15
5	,,	,,	16

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60 nails per set of shoes will be issued.

Every horse will carry a fore and hind shoe, and sufficient nails in the shoe case, the other hind and fore shoe, as well as 15 per cent. of the establishment of sets of shoes, will be carried regimentally.

XIV.—CAMP EQUIPMENT AND INTRENCHING TOOLS.

Proportions.

54. The proportions of Camp Equipment and Intrenching Tools allowed, under ordinary circumstances, for the various units of the Army are shown in the several corps details.

Picketing gear and forage nets.

55. Picketing gear and forage nets will be supplied in camp free of charge for the regulated number of officers' horses.

Tents and blankets.

56. No tents or blankets are provided for the field army for home defence after the units have left their places of concentration.

Issues on Standing Camp scale.

57. General Officers Commanding will determine when camp equipment shall be issued on the "Standing Camp" scale. On active service abroad time must be allowed to bring up stores from the base, to admit of large issues on the higher scale.

XV.—MISCELLANEOUS STORES.

Wicks and candles for lamps and lanterns.

58. All lamps and lanterns which burn oil when first issued by the Ordnance Store Department for field service will be complete with one foot of wick. Officers Commanding corps using lamps or lanterns of special patterns will be responsible that all such lamps or lanterns are fitted with one foot of wick on taking the field, and, on joining the force, will immediately notify the Army Service Corps Officer providing them of the descriptions of oil and wick required, and number of lamps or lanterns.

The wicks for magazine lanterns and signalling lamps will be issued to the troops by the Army Service Corps, on the usual requisition, for field as well as for general service.

The first supply of candles required for lanterns will be obtained by local purchase by Officers Commanding units at their mobilization stations.

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DETAILS OF EQUIPMENT

OF

HER MAJESTY'S ARMY.

PART 3.—SECTION XI.

WAR.

ORDNANCE STORE CORPS.

WAR OFFICE, 1893.

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PART 3.—DETAILS OF EQUIPMENT.

WAR.

SECTION XI.—ORDNANCE STORE CORPS.

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ESTABLISHMENTS.

The numbers of men belonging to the Ordnance Store Corps who may be required in war, depend so much upon the circumstances of each case that general proportions only are given in the following tables.

Arms.

TABLE 1.	Proportions.
Vocabulary Section I. (1).	
MARTINI-HENRY.	
Carbines, Artillery	1 per serjeant, and man of rank and file.
Implements, action	1 per company.
Jags	1 per carbine.
Protectors, front sight, carbine	1 per carbine.
Springs, main...	1 per company.
Strikers, rifle, Mark III	1 per company.
Pistols { Webley	1 per warrant officer, staff quartermaster serjeant, and staff serjeant.
Pistols { ,, rods, cleaning, L.S.	1 per warrant officer, staff quartermaster serjeant, and staff serjeant.
Sword-bayonets, M.-H. carbine	1 per serjeant, bugler, and man of rank and file.
Scabbards { sword-bayonet, M.-H. carbine ...	1 per serjeant, bugler, and man of rank and file.
Scabbards { sword, staff serjeants, steel ...	1 per serjeant, bugler, and man of rank and file.
Swords, staff serjeants, iron hilt...	1 per warrant officer, staff quartermaster serjeant, and staff serjeant.

Ammunition.

TABLE 2.	Proportions.
Vocabulary Section V. (2).	
Cartridges, small arm, ball { M.H. carbine ...	20 rounds per carbine.
Cartridges, small arm, ball { pistol, Webley ...	12 rounds per pistol.

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Accoutrements and Handcuffs.

TABLE 3.	Proportions.
Vocabulary Section I. (2).	
Belts, pouch, buff, G.S.	1 per warrant officer, staff quartermaster serjeant, and staff serjeant.
Belts, waist, buff, warrant officers, G.S. ...	1 per serjeant, bugler, and man of rank and file.
Belts, waist, buff, V.E., patt. '82, G.S. ..	
Bottles, water, enamelled	All ranks.
Braces, buff, V.E., patt. '82, serjeants and rank and file ... ... left ... right	1 per valise.
Cases, brown, pistol, L.S.	1 per pistol.
Chapes, waist belt, patt. '82, buff	1 per serjeant, and man of rank and file, and 2 per bugler.
Frogs, buff, bayonet, G.S.	1 per serjeant, bugler, and man of rank and file.
Knots, sword, buff, G.S.	1 per sword.
Lanyards, pistol	1 per pistol.
Pouches, ammunition, buff, V.E., patt. '82 ...	1 per serjeant, and man of rank and file.
Pouches, brown, pistol, infantry	1 per pistol.
Pouches, writing materials, conductor ...	1 per warrant officer, staff quartermaster serjeant, and staff serjeant.
Slings, carbine, buff, artillery	1 per carbine.
Straps, buff, V.E., patt. '82, great coat and mess tin ...	2 per valise, and 1 per warrant officer, staff quartermaster serjeant, and staff serjeant.
Straps, buff, V.E., patt. '82, supporting and mess tin ...	
Straps, buff, water bottle	1 per water bottle.
Valises, patt. '82, japanned	1 per serjeant, bugler, and man of rank and file.
Vocabulary Section VI.	
Handcuffs, common ... ...pairs	1 per company.

Musical Instruments.

TABLE 4.	Proportions.
Vocabulary Section I. (3).	
Bugles, ...	1 per company.
Strings, bugle, green	

Camp Equipment.

Camp equipment will be issued in the proportions laid down for Infantry.

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Stable Necessaries.

TABLE 5.	Proportions.
Bags { corn, 2 bushels ... ... / nose, G.S. ... ... }	1 per horse.

Tools, Opening Packages.

TABLE 6.	Per Company.
Vocabulary Section III.	
Chisels, ripping	1
Drivers, screw, general service, 9-inch	1
Hammers, riveting, 24 oz.	1
Knives, laboratory	1

Tools, Artificers.

Tool chests will be supplied for the artificers as required.

TABLE 7. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
203	Regimental equipment	Account ledger.
243 } 244 }	For regimental repairs	{ Demand book. / Daily work book.
Forms.		
G 820 } G 830 }	Arms	{ Requisition. / Receipt and issue voucher.
G 829 } G 828 }	Materials for repairing arms ...	{ Requisition. / Receipt and issue voucher.
G 825 } G 822 }	Materials for browning arms ...	{ Requisition. / Receipt and issue voucher.
G 952 } G 951 }	Accoutrements...	{ Requisition. / Receipt and issue voucher.

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TABLE 7. Army Books and Forms for Equipment—*continued.*

Army No.	Subject.	Description.
Forms.		
G 957	Materials for repairing accoutrements	Requisition.
G 956		Receipt and issue voucher.
G 1041	Musical Instruments	Requisition.
G 1040		Receipt and issue voucher.
G 968	Camp equipment	Requisition.
G 971		Receipt and issue voucher.
G 973		Account (temporary use).
G 1047	Tools, artificers...	Requisition.
G 1046		Receipt and issue voucher.
G 997	Equipment in general (*blank*) ..	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 1027	Materials for repair in general (*blank*)	Requisition.
G 815	Ammunition, small arm	Requisition.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION I.

INFANTRY DETAILS.

PEACE.

WAR OFFICE, 1896.

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Despatch No. 295

U. S. EMBASSY,

LONDON.

Aug. 31 1896

Lieut. Col. WM. LUDLOW,

Corps of Engrs.

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PART 2.—DETAILS OF EQUIPMENT.

PEACE.

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SECTION I.—INFANTRY.

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Sect. I. Infantry.

[The Peace Establishments of Infantry Battalions and Regimental Depôts are published from time to time in Army Orders, and being subject to change, they are not inserted in these Tables.]

Arms.

TABLE 1.	Battalions and Regimental Depôts.	
		40116 3691
Weedon Store Charge.		
Rifles, M.L.M. or M.H.	1 per serjeant and rank and file, except band and pioneers. (*For Depôts see note at page* 195.)	
SIDE-ARMS AND APPURTENANCES FOR M.L.M. RIFLES.		
Bottles, oil, M.L.M., rifle	1 per rifle.	
Protectors, front-sight, M.L.M., rifle ...	1 per rifle and 10 spare.	
Pull-throughs	1 per rifle and 6 spare.	
Reflectors, mirror	25 per battalion and 5 per regimental depôt, for examining interior of barrels.	
Rods, clearing*	1 per M.L.M. rifle.	A.O. 154, 1895.
Sword-bayonets, pattern 1888	1 per rifle, with 4 spare per battalion and 2 spare per depôt.	
Scabbards, sword-bayonet, pattern 1888 ...		
Tubes, aiming { M.L.M. rifle...	2 per company. *The brushes and rods are the same as those for Martini-Henry rifle tubes.*	
Tubes, aiming { brushes, cleaning		
Tubes, aiming { rods, cleaning, rifle		
Rifles, M.L.M., Morris tube	2 per company for aiming tubes.	
SIDE-ARMS AND APPURTENANCES FOR M.H. RIFLES.		
Jags, M.H., brass...	1 per rifle and 6 spare.	
Protectors, front-sight, M.H. rifle	1 per rifle and 10 spare.	
Reflectors, steel	1 per 20 or less serviceable rifles, for examining interior of barrels.	
Rods, cleaning, rifle (spare)	6 per battalion and depôt.	
Bayonets, M.H., long	1 per rifle, except serjeants, with 4 spare per battalion, and 2 spare per depôt, except Rifle battalions and Rifle depôts, which have sword-bayonets only.	
Scabbards, bayonet, M.H., long ...		
Sword-bayonets, M.H. rifle, converted	1 per rifle of Rifle battalions or Rifle depôts, and 1 per serjeant's rifle of other battalions and other depôts, with the following numbers spare, viz., 4 for Rifle battalions and Rifle depôts, and 1 for other battalions and other depôts.	
Scabbards, sword-bayonet, M.H. rifle, converted		
Tubes, aiming { M.H. rifle	2 per company.	
Tubes, aiming { brushes, cleaning		
Tubes, aiming { keys, M.H.		
Tubes, aiming { rods, cleaning, rifle		
Tubes, aiming { sights, fore, false, M.H. rifle		
Rifles, M.H. Morris tube	2 per company, for aiming tubes.	
Dirks	1 per band corporal, bandsman drummer, and piper, of Highland regiments, and piper of Scots Guards.	
Scabbards, dirk		
		7669

* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept on regimental charge. 7666 A.O. 17, 1896.

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Arms—*continued.*

TABLE 1—*continued.*			Battalions and Regimental Depôts.
Pistols	Webley		1 per serjeant-major (for instructing staff-serjeants; *not for regimental depôts*).
	,, rods, cleaning, L.S.		
Swords	buglers'		1 per band corporal, bandsman, and bugler, Rifles.
	drummers'		1 per band corporal, bandsman, drummer, and bugler, line, except Highland regiments.
	pioneers'		1 per serjeant pioneer and pioneers.
	staff-serjeants'	gilt hilt ...	Line ... ... 1 per Warrant Officer and staff-serjeant.
		Highland regiments ...	Highland regiments
		iron hilt ...	Rifles ... ...
Scabbards, sword	buglers'...		1 per sword.
	drummers'		
	pioneers'		
	staff-serjeants'	Highland regiments, Patt. '89 ...	

N.B.—Serjeant majors, band masters, quarter master serjeants, orderly room serjeants, serjeant drummers, serjeant pipers, armourer serjeants, serjeant cooks, serjeant instructors of musketry, canteen-serjeants, band serjeants, and serjeant master tailors are armed and accoutred as staff serjeants. The three last-named are included in the establishment of serjeants and have staff appointments, in reduction of three rank and file rifles.

The number of serjeants arms and appointments are according to establishment of serjeants, whether such serjeants are effective or not; if taken for other duties, such as the canteen serjeant, band serjeant, and serjeant master tailor, their arms will be carried by the lance serjeants or others performing their duty.

Rifles for Depôts will be of two descriptions:—

A.—*Serviceable Arms.*

Which are to be kept entirely distinct from those stored for the Army Reserve, will be issued to the Head-Quarters of Regimental Districts (including the Rifle Depôt, Winchester), in the following proportions:—

A.O. 58, 1892.

A.O. 123, 1892.

On account of each Line battalion that belongs to the Regimental District	Any number, not exceeding 60, of rifles of the description that the battalion is armed with.

These rifles will be complete with side-arms, sight-protectors, and jags or pull-throughs.

The supply of serviceable arms for the Depôt, West India Regiment, will be according to its requirements, as approved by the General Officer Commanding.

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B.—*Drill purpose* (*D.P.*) *arms*, of which an establishment not exceeding 136 will be supplied on the requisition of the Officer Commanding the Regimental District (including the Rifle Depôt, Winchester), together with such additional number (if available) as the General Officer Commanding may consider necessary, who, however, before sanctioning any considerable increase, will ascertain whether the arms are available. 54 Militia 1107

These arms will be used for the drill of the Depôt and Militia recruits, but not for ball-firing, and the proportion of each description of rifle (M.H. or M.L.M.) to be drawn to make up the total establishment, will be determined from time to time, according to the varying requirements of each case, by the Officer Commanding the Regimental District, so far as the establishment up to 136 is concerned, and by the General Officer Commanding, so far as any excess over 136 is concerned.

Serviceable jags or pull-throughs will be supplied for all D.P. rifles. Serviceable oil bottles (but not cleaning rods) will also be supplied for the M.L.M. rifles if desired. Side-arms (unserviceable, if available) will be supplied for both the M.H. and M.L.M. rifles if desired, except that when the Militia service side-arms are available at the place of training of the Militia recruits, such service side-arms will be used with the D.P. rifles by those recruits, and side-arms will then be drawn for only half of the 136 D.P. rifles. 54 Gen. No 6222

The number of D.P. arms to be supplied to the Depôt, West India Regiment, will be determined by the General (or other) Officer Commanding.

Military Foot Police.

Arms.

TABLE 2.	
Weedon Store Charge.	
Scabbards { sword-bayonet, M.H. carbine	1 per serjeant and rank and file.
Scabbards { sword, staff serjeants, steel ...	1 per serjeant major.
Sword-bayonets, M.H. carbine	1 per serjeant and rank and file.
Swords, staff-serjeants, gilt hilt	1 per serjeant major.

Ammunition.

TABLE 3.	Battalions and Regimental Depôts.	
	Service.	Practice.
Woolwich Store Charge 23.		
Cartridges, aiming tube	... ...	According to Section V., Part 1.
Cartridges, small-arm... { ball ... { ·303 ... ... / pistol, Webley / blank, ·303	See para. 151, Part 1.	According to Section V., Part 1.

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Articles for Musketry Instruction.

These are supplied in accordance with paragraph 138, Part 1.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1.

Accoutrements (V.E., Pattern 1882).*

TABLE 4.	Battalions and Regimental Depôts.
Woolwich Store Charge 1.	
Aprons, leg	1 per side drum.
Bags, ammunition, canvas	1 per company (*battalions only*).
Belts, waist — warrant officers, G.S.†	1 per warrant officer and staff serjeant.
Belts, waist — V.E. — S. and R. and F.... ...	1 per colour serjeant, serjeant, and rank and file. 1 per serjeant pioneer, pioneer, band corporal, bandsman, drummer, bugler, and piper.‡
Belts, waist — V.E. — " spare...	3 per battalion, and regimental depôt
Bottles, water, enamelled§	1 per warrant officer, non-commissioned officer and man.
Braces, V.E., patt. '82 — serjeants, and rank and file ... — left ... / right	1 pair per valise,
Carriages, drum, buff	1 per side drum.
Cases, brown, pistol, L.S.	1 per pistol.
Chapes, waist-belt	2 per valise for ranks not wearing pouches.
Frogs ... ... — sword	1 per serjeant pioneer and pioneer.
Frogs ... ... — bayonet, G.S. ...	1 per colour serjeant, serjeant, and bugler, and band corporal, bandsman, and drummer, except Highland regiments, and 1 per rank and file, except pioneers.
Frogs ... ... — intrenching implement†† ...	1 per implement.
Knots, sword¶	1 per warrant officer and staff serjeant.
Loops, buff, dirk‡	1 per band corporal, bandsmand drummer, and piper, of Highland regiments, and piper of Scots Guards.
Ornaments, brass, valise — Guards — Coldstream ... / Grenadier... ... / Scots ... ... / Worcestershire Regiment ...	1 per valise as required.

* Black leather for Rifles and buff for Line.
† White enamelled waist belts will continue in use until worn out.
‡ Black waist-belts, and loops for dirks, in possession of pipers will continue in use until worn out.
§ Italian water bottles will continue in use until stock is issued and worn out.
¶ Not supplied to Highland regiments.
†† Or when store of above is exhausted :—

Carriages, black or buff — axe, pick, entrenching, / shovel, "	1 per pick or shovel.

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Accoutrements—*continued.*

TABLE 4—*continued.*	Battalions and Regimental Depôts.
Pouches, ammunition — brown, pistol, infantry ...	1 per pistol.
Pouches, ammunition — V.E., patt. '82	2 per serjeant, and rank and file armed with rifles.
Pouches, ammunition — ,, ,, spare	4 per battalion and regimental depôts.
Slings, rifle...	1 per rifle.
Straps — V.E., patt, '82 — greatcoat and mess-tin ...	2 per man.
Straps — V.E., patt, '82 — supporting and mess-tin	2 per valise.
Straps — water-bottle*	1 per water-bottle.
Valises, patt. '82, japanned	1 per non-commissioned officer and man, except staff serjeants.
Whistles	1 per serjeant major, colour serjeant, and serjeant.†

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* Italian water-bottle carriages will continue in use until stock is issued and worn out.

† Not supplied to pioneer serjeant, or lance serjeants.

N.B.—Regimental depôts will have a minimum establishment of 196 sets of accoutrements. Any excess over this number will be issued as the General Officer Commanding may consider necessary. A.O. 92, 1893.

Accoutrements (Valise Equipment, 1888 Pattern).*

54 / Gen. No. / 4882

TABLE 5.	Battalions and Regimental Depôts.
Woolwich Store Charge 1.	
Aprons, leg	1 per side drum.
Bags, ammunition, canvas	1 per company (battalions only).
Belts, waist, valise equipment, serjeants and rank and file	1 per man, all ranks except staff-serjeants.†
Belts, waist, valise equipment, serjeants and rank and file, spare	3 per battalion and regimental depôt.
Belts, waist, warrant officers, G.S.‡ ...	1 per Warrant Officer and staff serjeant.
Bottles, water, enamelled§	1 per Warrant Officer, non-commissioned officer and man.
Braces, valise equipment, serjeants and rank and file — left ... right	1 pair per valise.
Carriages, drum, buff	1 per side drum.
Cases, brown, pistol, land service	1 per pistol.
Frogs — sword...	1 per serjeant-pioneer and pioneer.
Frogs — bayonet, G.S.	1 per colour-serjeant, serjeant and bugler, and band corporal, bandsman and drummer (except Highland regiments), and 1 per rank and file.
Frogs — intrenching implement††... ...	1 per implement.

* Black leather for Rifles and buff for Line.

† Black waist-belts and loops for dirks in possession of pipers will continue in use until worn out.

‡ White enamelled waistbelts will continue in use until stock is issued and worn out.

§ Italian water-bottles will continue in use until stock is issued and worn out.

†† Or when store of above is exhausted:—

Carriages, black or buff { axe, pick, intrenching, shovel, ,, } 1 per pick or shovel.

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Accoutrements (Valise Equipment, 1888 Pattern)—*continued.*

TABLE 5—*continued.*	Battalions and Regimental Depôts.
Knots, sword*	1 per Warrant Officer and staff-serjeant.
Loops, buff, dirk†	1 per band corporal, bandsman, drummer and piper of Highland regiments, and piper of Scots Guards.
Ornaments, brass, valise — Guards — Coldstream ...	1 per valise as required.
Ornaments, brass, valise — Guards — Grenadier	1 per valise as required.
Ornaments, brass, valise — Guards — Scots	1 per valise as required.
Ornaments, brass, valise — Worcestershire Regt. ...	1 per valise as required.
Pouches, ammunition, brown, pistol, Infantry	1 per pistol.
Pouches, ammunition, valise equipment ...	2 per serjeant, and rank and file armed with rifles.
Pouches, ammunition, valise equipment, spare	4 per battalion and regimental depôt.
Slings, rifle	1 per rifle.
Straps — greatcoat	2 per valise, and 1 per Warrant Officer and staff-serjeant.
Straps — mess-tin	1 per valise, and 1 per Warrant Officer and staff-serjeant.
Straps, water-bottle‡	1 per water-bottle.
Valises	1 per non-commissioned officer and man, except staff-serjeants.
Whistles...	1 per serjeant-major, colour-serjeant and serjeant.§

* Not supplied to Highland regiments.

† Black waist-belts and loops for dirks in possession of pipers will continue in use until worn out.

‡ Italian water-bottle carriages will continue in use until stock is issued and worn out.

§ Not supplied to pioneer-serjeant or lance-serjeant.

Military Foot Police.
Accoutrements.

TABLE 6.	
Woolwich Store Charge 1.	
Belts. waist, brown, V.E. patt. '82 .. — staff serjeants ...	1 per serjeant major.
Belts. waist, brown, V.E. patt. '82 .. — serjeants and rank and file	1 per serjeant and rank and file.
Bottles, water, enamelled*	All ranks.
Frogs, brown, sword-bayonet, land service	1 per serjeant and rank and file.
Knots, sword, brown, infantry	1 per serjeant major.
Straps, water-bottle*	One per water-bottle.
Whistles, police	All ranks.
Woolwich Store Charge 25.	
Lanterns, bulls-eye	1 per serjeant.

A.O. 92, 1893.

* Italian water-bottles, and their carriages, will continue in use until stock is issued and worn out.

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Articles for Repair of Accoutrements (V.E., Pattern '82).

TABLE 7.

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Store Charge 1.						
Billets — black — pouch, V.E., patt. '82 ...	—	—	18	12	4	2
Billets — black — waist belt, without buckle	—	—	2	2	—	—
Billets — buff, pouch, V.E., patt. '82	18	12	—	—	4	2
Buckles — brass — brace, ring barred	18	12	18	12	4	2
Buckles — brass — frog	2*	2*	18	12	—	—
Buckles — brass — strap, V.E., great coat and mess tin	40	30	40	30	10	5
Buckles — brass — valise and front strap ...	18	12	18	12	4	2
Buckles — brass — waist belt, V.E., patt. '82...	18	12	18	12	4	2
Buckles — iron, valise	36	24	36	24	8	4
Buckles — gilt, waist belt, Infantry	1	1	—	—	—	—
Buckles — silver plated, waist belt	—	—	1	1	—	—
Buttons, leather, sling, black	—	—	34	24	—	—
Carriages, waist belt — black, japanned — long	—	—	1	1	—	—
Carriages, waist belt — black, japanned — short ...	—	—	1	1	—	—
Carriages, waist belt — buff, Infantry ... — long	1	1	—	—	—	—
Carriages, waist belt — buff, Infantry ... — short ...	1	1	—	—	—	—
Catches, waist belt, brass, V.E. — patt. '82	—	—	18	13	4	2
Catches, waist belt, brass, V.E. — O.P. ...	—	—	18	12	—	—
Chapes, valise, patt. '82, black — $7\frac{1}{2}$ in. × $\frac{3}{4}$ in.	40	30	40	30	10	5
Chapes, valise, patt. '82, black — 4 ,, × $\frac{3}{4}$,,	36	24	36	24	8	4
Dees, brass, pouch, V.E....	36	24	36	24	8	4
Fronts, frog — black	—	—	16	11	4	2
Fronts, frog — buff	16	11	—	—	4	2
Hooks — brass, snake	—	—	18	13	—	—
Hooks — gilt, side, G.S....	1	1	—	—	—	—
Loops — brass — valise	18	12	18	12	4	2
Loops — brass — waist belt, V.E. — long ...	18	13	18	13	4	2
Loops — brass — waist belt, V.E. — triangular	36	24	36	24	8	4
Loops — gilt, waist belt, with eye	1	1	—	—	—	—
Patches, leather — pouch — black	—	—	36	24	8	4
Patches, leather — pouch — buff	36	24	—	—	8	4
Patches, leather — waist belt — black	—	—	36	24	8	4
Patches, leather — waist belt — buff	36	24	—	—	8	4
Pieces, leather, black, — $7\frac{1}{2}$ in. × 2 in. (for sword frog)...	—	—	1	1	—	—
Pieces, leather, black, — $5\frac{1}{2}$,, × $\frac{3}{4}$,, (for waist belt) ...	—	—	36	24	8	4
Pieces, leather, black, — $4\frac{1}{2}$,, × $1\frac{3}{8}$,, (for pouch) ...	—	—	36	24	4	2
Pieces, leather, black, — 4 ,, × $\frac{3}{4}$,, (for rifle sling, and great coat and mess tin strap)...	—	—	66	48	10	5

* When in possession of frogs for patt. '88 sword bayonet the supply of buckles will be in the same proportion as issued to rifle regiments.

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Articles for Repair of Accoutrements—*continued.*

TABLE 7—*continued.*

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Pieces, leather. black, $2\frac{1}{4}$ in. × $\frac{1}{2}$ in. (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	—	—	40	30	10	5
Pieces, leather. black, $2\frac{1}{4}$ in. × $\frac{1}{2}$ in. (for valise) ...	40	30	40	30	10	5
Pieces, leather. buff, $7\frac{1}{2}$,, × 2 ,, (for sword frog) ...	1	1	—	—	—	—
Pieces, leather. buff, $5\frac{1}{2}$,, × $\frac{3}{4}$,, (for rifle sling and waist belt)	78	54	—	—	14	7
Pieces, leather. buff, $4\frac{1}{2}$,, × $1\frac{1}{2}$,, (for pouch) ...	36	24	—	—	4	2
Pieces, leather. buff, $4\frac{1}{4}$,, × $\frac{3}{4}$,, (for great coat and mess tin strap)	24	18	—	—	4	2
Pieces, leather. buff, 3 ,, × $\frac{1}{2}$,, (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	40	30	—	—	10	5
Safes, waist belt, black, V.E., patt '82 ...	—	—	18	12	4	2
Safes, waist belt, buff, infantry, S. and R. and F., patt. '82.	18	12	—	—	4	2
Straps, black, frogs	—	—	18	13	—	—
Straps, black, V.E., patt. '82, valise ...	18	12	18	12	4	2
Straps, buff, frogs, infantry	18	13	—	—	—	—
Studs, brass, ammunition bag and pouch ...	33	23	33	23	8	4
Thongs, black	—	—	50	38	—	—
Thongs, white	43	30	—	—	10	5

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Articles for repair of Accoutrements (Pattern 1888, Valise Equipment).

TABLE S.

	12 months supply.						
	Battalions.				Depôts.		54 Gen. No. 3011 & 4882.
	Except Rifles.		Rifles only.				
	Above 600 R. and F.	600 R. and F. and under	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.	
Woolwich Store Charge 1.							
Billets, pouch, black	...	...	18	12	4	2	
Billets, pouch, buff	18	12	...	...	4	2	
Buckles, brass, brace, double-barred ...	6	4	6	4	2	1	
Buckles, brass, chape, brace, double, 1-in.	18	12	18	12	4	2	
Buckles, brass, waist-belt, $1\frac{3}{4}$-in. ...	18	12	18	12	4	2	
Buckles, brass, waist-belt, 1-in.	18	12	18	12	4	2	
Buckles, brass, waist-belt, $\frac{7}{8}$-in.	9	6	9	6	2	1	
Buckles, brass, coat strap, double, $\frac{3}{4}$-in. ...	18	12	18	12	4	2	
Buckles, brass, mess-tin, single roller, $\frac{3}{4}$-in.	18	12	18	12	4	2	
Buckles, iron, valise, $\frac{3}{4}$-in.	36	24	36	24	8	4	
Chapes, valise, black, $7\frac{1}{2}$-in. by $\frac{3}{4}$-in.... ...	40	30	40	30	10	5	
Chapes, brace, black	...	...	18	12	4	2	
Chapes, brace, buff	18	12	...	...	4	2	
Catches, waist-belt, brass, V.E. patt. '82 ...	...	...	18	12	4	2	
Loops, brass-wire, brace, $1\frac{3}{8}$-in.	18	12	18	12	4	2	54
Loops, brass-wire, pouch, $1\frac{1}{4}$-in.	18	12	18	12	4	2	Gen. No.
Loops, brass-wire, waist-belt	18	12	18	12	4	2	5563
Loops, leather, pouch, $5\frac{1}{4}$-in. by 1-in., black ...	...	...	36	24	8	4	
Loops, leather, pouch, $5\frac{1}{4}$-in. by 1-in., buff ...	36	24	...	...	8	4	
Loops, leather, mess-tin strap, $2\frac{1}{2}$-in. by $\frac{5}{8}$-in., black ...	...	...	36	24	8	4	
Loops, leather, mess-tin strap, $2\frac{1}{2}$-in. by $\frac{5}{8}$-in., buff ...	36	24	...	..	8	4	54
Patches, leather, brace, black	...	...	18	12	4	2	Gen. No.
Patches, leather, brace, buff	18	12	...	...	4	2	5323
Patches, leather, waistbelt, $1\frac{3}{4}$-in. by $1\frac{3}{4}$-in., black ...	...	...	36	24	8	4	
Patches, leather, waistbelt, $1\frac{3}{4}$-in. by $1\frac{3}{4}$-in., buff ...	36	24	...	...	8	4	
Patches, leather, pouch, $1\frac{1}{16}$-in. by $1\frac{1}{2}$-in., black ...	...	...	36	24	8	4	
Patches, leather, pouch, $1\frac{1}{16}$-in. by $1\frac{1}{2}$-in., buff ...	36	24	...	...	8	4	
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 7-in. guage	12	8	12	8	2	1	54
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 12-in. ,, ...	12	8	12	8	2	1	Gen. No.
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 10-in. ,, ...	12	8	12	8	2	1	5563
Rivets, copper tinned, ozs., valise, round heads	12	8	12	8	2	1	
Runners, leather, waist-belt, black...	...	...	36	24	8	4	
Runners, leather, waist-belt, buff	36	24	...	...	8	4	
Runners, leather, brace, black... ...	...	...	36	24	8	4	
Runners, leather, brace, buff	36	24	...	...	8	4	
Safes, leather, waist-belt, black...	...	...	18	12	4	2	
Safes, leather, waist-belt, buff	18	12	...	...	4	2	
Studs, brass, pouch	36	24	36	24	8	4	
Straps, pouch, draw, hogskin	18	12	18	12	4	2	
Straps, shoulder, black...	...	...	18	12	4	2	
Straps, shoulder, buff	18	12	...	...	4	2	
Straps, valise, black, 13-in. by $\frac{3}{4}$-in	18	12	18	12	4	2	

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Tools and Appointments, Pioneers.

N.B.—These appointments will not be supplied to Regimental Depôts.

TABLE 9.	Battalions.										
	Serjeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
TOOLS.												
Woolwich Store Charge 1.												
Bars, pinching, 2 feet 10 inches	...	...	1	...	...	...	...	...	...	...	...	1
Saws, hand, 20-inch	...	...	...	...	...	...	...	...	...	1	...	1
Woolwich Store Charge 2.												
Axes { hand	...	...	...	...	...	...	1	1	1	1	1	5
Axes { felling	1	...	...	1	...	...	1	...	...	1	1	5
Axes, pick { heads, $2\frac{3}{4}$ lbs....	...	1	...	...	1	1	...	1	1	...	...	5
Axes, pick { helves, 29 inches	...	1	...	...	1	1	...	1	1	...	...	5
Hooks, bill	...	1	1	1	1	1	...	...	...	...	...	5
Shovels, light cast-steel	...	1	1	1	1	1	1	1	1	...	...	8
TOOLS, SHOEING SMITHS.												
Woolwich Store Charge 7.												
Buffers, farriers ..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Hammers, farriers, shoeing ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Store Charge 8.												
Knives, drawing, farriers ..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
54 **Pincers,** farriers, pairs ... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Gen. No. **Pritchels,** farriers ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
5932 **Rasps,** farriers, 14-inch ... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Store Charge 10.												
Nails, shoe, horse, No. 8 ... to be carried in No. 1 case	...	...	...	...		...	...	...	...	...	10	10
TOOLS, SMALL.												
Woolwich Store Charge 1.												
Augers, screw, common, 1-inch, 17 inches long ...	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Store Charge 7.												
Chisels, { hand, cold, $\frac{3}{4}$-inch by 8-inch	1	...	...	...	...	...	...	...	...	...	...	1
Chisels, { socket, $1\frac{1}{4}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Files, saw, 3 square, hand, $5\frac{1}{2}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Hammers, claw, 20-oz.	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Store Charge 16.												
Spikes, gun, common	2	2	2	2	2	2	2	2	2	2	2	22
APPOINTMENTS.												
Woolwich Store Charge 1.												
Caps, hand axe, black* *or* brown†	...	...	...	...	...	...	1	1	1	...	1	4
Cases, black ... { bill hook	...	1	...	1	1	1	...	...	...	...	...	5
Cases, black ... { hand axe and 20-inch saw	...	...	...	...	...	...	...	...	...	1	...	1
Cases { black with loops, tools { shoeing, black loops* { No. 1	...	...	...	...	...	...	...	...	...	...	1	1
Cases { black with loops, tools { *or* buff loops† ... { ,, 2	...	...	...	...	...	...	...	...	...	...	1	1
Cases { black with loops, tools { small, black loops* *or* buff loops†	1	...	...	...	...	...	...	...	...	...	...	1
Cases { pinching bar, black* *or* buff† { butt ...	...	...	1	...	...	...	...	...	...	...	...	1
Cases { pinching bar, black* *or* buff† { point ...	...	...	1	...	...	...	...	...	...	...	...	1

* For rifles. † Except rifles.

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Appointments, Pioneers—*continued.*

TABLE 9—*continued.*

	Battalions.										
	Sergeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
Frogs, black* *or* buff,† hand axe	...	...	...	...	...	...	1	1	1	...	1	4
Pouches, ammunition, brown† or black* (for gun spikes)‡	...	1	1	1	1	1	1	1	1	..	...	8
Straps, black* *or* buff,† V.E., O.P., mess tin (for connecting felling axes, picks, and shovels).	...	2	...	2	2	2	2	2	2	...	...	14
Woolwich Store Charge 7.												
Aprons, basil, brown	...	...	...	...	...	...	...	...	...	...	...	2§

A.O. 92, 1893.

* For rifles. † Except rifles.

‡ No pouch is issued for the sergeant pioneer, nor for Nos. 9 and 10, as their gun-spikes are carried in pockets on their respective leather cases.

§ For shoeing smiths of battalions which have regimental transport.

Regimental Transport.

(*Referred to in paragraph* 140 *to* 142, *Part* 1.)

The consumable materials in this Table are an annual supply.

54 Gen. No. 4384

TABLE 10.

	Per Battalion.	Remarks.
CARTS AND WAGONS.		
Woolwich Store Charge 2.		
Axes { felling, curved helve	1	
Axes { pick { heads, 6½-lbs.	1	
Axes { pick { helves, 34½ inches	1	
Buckets, water, G.S., leather	3	
Hooks { bill	1	
Hooks { reaping, large	3	
Shovels, universal	1	
Spades, N.P.	1	
Woolwich Store Charge 4.		
Carts, forage	1	
Covers { cart, forage	1	
Covers { wagon, G. S.	1	
Hoops, bale { cart, forage ... ... sets	1	
Hoops, bale { wagon, G. S. ... ... ,,	1	
Swingletrees, No. 3	4	
Wagons, G.S., lock under (Mark III. or IV. with pole)	1	
Woolwich Store Charge 10.		
Jacks, lifting, G.S.	1	
Woolwich Store Charge 18.		
Cordage, tarred spun yarn, hemp, 3-thread ... lbs.	10	
Lashings, white, 1-inch, 30-feet	4	

57 Colchester. 3799

NOTE.—Articles of regimental transport issued to Battalions for use in peace time, also form part of the units war equipment. In time of peace, wagons and carts will be turned out fully equipped, with all stores belonging to them, only when they are to be taken on parade, or if special orders are given to that effect.

57 Colchester. 3799

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Regimental Transport—*continued.*

TABLE 10—*continued.*	Per Battalion.	Remarks.
HARNESS AND SADDLERY.		
Woolwich Store Charge 5.		
HARNESS AND SADDLERY.		
Harness, transport, wheel { near ... ... sets	1	For details of sets, *see* Table 11.
Harness, transport, wheel { off ... ... ,,	1	
Reins, driving ... ... pairs	1	
Rings, clip	4	
Straps { back	2	
Straps { breeching, short ... ... sets	1	One near and two off.
40116 / 3810 **Whips,** driving	1	
Woolwich Store Charge 6.		
Saddlery, universal, R.A. ... ... sets	1	For details of sets, *see* Table 11.
,, ,, ,, ... ,, (with breast piece and front supporting straps and saddlery trace, pair complete.)	1	Taken from used saddlery in store.
PACKSADDLERY.		
Woolwich Store Charge 27.		
G.S., Mark III., small ... ... sets	2	For details of sets, *see* Table 11.
SHOEING TOOLS.		
Woolwich Store Charge 7.		
Aprons, basil, white	1	
Bags, tool, farriers	1	
Buffers, farriers	1	
Hammers, farriers	1	
54 / 3/60 / 101 *Woolwich Store Charge* 8.		
Knives, { drawing, farriers	1	
Knives, { searching ,, ...	1	
Pincers, farriers	1	
Pritchels, farriers	1	
Rasps, farriers, 16-inch...	1	
54 / Gen. No. / 6227 *Woolwich Store Charge* 25.		
Stamps, steel, for metal, $\frac{3}{16}$ inch { figures 0 to 8... sets	1	
Stamps, steel, for metal, $\frac{3}{16}$ inch { letters ... ,,	1	
Woolwich Store Charge 26.		
Stones rag	1	
STABLE NECESSARIES.		
Woolwich Store Charge 5.		
HARNESS AND SADDLERY.		
Bags, nose, G.S.	5	For duration of these articles, see Section XV., Part 1.
Brushes { harness, hard	2	
Brushes { horse	5	
Combs, curry	5	
Pickers, hoof	3	
Sacks, corn, 4-bushel, canvas	1	
Scissors, trimming	3	
Sponges, G.S.	5	
CLEANING MATERIALS AND MISCELLANEOUS ARTICLES.		
Woolwich Store Charge 4.		
Pins, linch, 3rd class (spare)	2	
Washers, drag, 3rd class (spare)	2	
Woolwich Store Charge 5.		
Brushes, water, carriage	1	
Pans, oil	1	

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Regimental Transport—*continued.*

TABLE 10—*continued.*	Per Battalion.	Remarks.	
Woolwich Store Charge 11.			
Grease, Field's (for wheels) ... ... lbs.	18		54
Oil, rape (for harness) ... ... qts.	4		Gen. No
Soap, soft ... ... lbs.	24		4384
„ yellow ... ... bars	10		P. 94
Dubbing ... ... lbs.	2		581
Woolwich Store Charge 18.			
Ropes, drag, light ... ... pairs	2	For branding army numbers on regimental transport horses	54
Woolwich Store Charge 25.			1/44
Irons, branding, ⅝ inch, figures 0 to 8 ... ... sets	1		83
Board, inventory	2		
Not in Vocabulary.			
Linen, old (for cleaning) ... ... lbs.	2		A.O. 92, 1893.

Harness, Saddlery, and Packsaddlery.

TABLE 11.	No. per set of Harness, Transport, Wheel. Near.	Off.	Saddlery, Universal.	Remarks.	
HARNESS AND SADDLERY.					
Woolwich Store Charge 5.					
Bands, back, 1¾-in.	...	1	...	Harness, A.S.C.	
Bits, portmouth, harness, with bridle head, Mark I.	1	1	...		
Breechings near, with long strap ...	1	...	...		
Breechings off	...	1	...		
Cases, horse-shoe, harness	2	2	...		
Collars... head, R.A.	1	1	1	* When store of previous pattern is exhausted.	
Collars... neck, Mark V.*	1	1	...		
Cruppers, harness	1	1	...		
Girths, web	1	1	...	Harness, G.S.	
Hames, with rings ... ... pairs	1	1	...		
Leggings, drivers	1	...	...		
Pads, collar†	...	...	...	† 1 per neck collar.	40116 4718
Pannels wood arch saddles, O.P. drivers, transport ... pairs	1	...	...		
Pannels wood arch saddles, O.P. luggage, transport ... pairs	...	1	...		
Pieces, buckling, 1-in.	1	1	...	Harness, A.S.C.	
Reins bearing	1	1	...		
Reins side	...	1	...		
Ropes, head, cotton	1	1	1		
Saddles, wood arch drivers, transport ...	1	...	...		
Saddles, wood arch luggage „ ...	...	1	...		
Skins, sheep, harness	...	1	...		
Straps collar pad	2	2	...	Harness, G.S.	40116 4718
Straps flank	2	2	...		
Straps hame	1	1	...		
Straps hip‡	2	2	...	‡ If crupper is of new pattern.	
Straps wither, 1-in.	1	1	...		
Traces, harness short ... ... pairs	1	1	...		
Traces, harness wheel ... ... „	1	1	...		
Tugs, back band, 1¾-in.	...	2	...	Harness, A.S.C.	
Wallets, wood arch saddles ... ... drivers ... ... pairs	1	...	...	Harness, G.S.	
Wallets, wood arch saddles ... ... luggage ... „	...	1	...		
Whips, drivers	1	...	...		

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Harness, Saddlery, and Packsaddlery—*continued.*

TABLE 11—*continued.*

		No. per set of Harness, Transport. Wheel. Near.	Off.	Saddlery, Universal.	Remarks.
	Woolwich Store Charge 6.				
	Bits bridoon, patt. 84	1	1	1	
	Bits portmouth, Mark I., saddlery, with bridle head and reins*	...	...	1	
	Blankets, saddle, Mark III.	...	...	1	When store of previous pattern is exhausted.
	Breastpieces	...	...	1	
	Cases cloak	...	...	1	
	Cases horse-shoe, saddlery, patt. '84 ...	...	...	1	
	Cruppers, saddlery	...	...	1	
	Frogs, sword, saddle	...	...	...	
	Girths, patt. '84	...	...	1	
	Irons, stirrup, G.S.	2	...	2	
	Leathers, stirrup	2	...	2	
	Numnahs, felt	1	1	1	
54	**Reins**, bridoon, patt. '84	1	1	1	
A.S.C.	**Runners**, stirrup, leather, brass	2	...	2	
	Saddles, universal	...	...	1	
2112	**Skins**, sheep, saddlery, patt. '84, hind ...	...	...	1	
	Straps baggage	...	3	3	
	Straps cloak and wallet	2	2	2	
	Straps cloak centre	1	...	1	
	Straps supporting front	...	...	2	
	Straps supporting rear	...	...	1	
	Straps shoecase, patt. '84	...	...	2	
	Straps trace	...	...	2	
	Surcingles, leather, harness, Mark II. ...	1	...	1	
	Traces, saddlery ... ... pairs	...	...	1	
	Tugs, trace	...	...	2	
	Wallets, iron or steel arch saddles, universal ... ... pairs	...	...	1	

PACKSADDLERY, GENERAL SERVICE.

		No. per set.	
	Woolwich Store Charge 27.		
	Bits, bridoon	1	
	Breechings	1	
	Chains, collar	1	
	Collars breast	1	
	Collars head	1	
A.O. 58, 1892.	**Covers**, 6 feet by 6 feet, General Service ...	1	
	Cruppers	1	
	Girths ... ... pairs	1	
	Pannels ... ... ,,	1	
	Reins, bridoon	1	
	Ropes, Mark III.† ... ... pairs	2	
	Seats‡	1	
40116	**Straps** baggage ... ... pairs	2	When required for ammunition boxes or wicker panniers.
4275a	**Straps** girth‡	4	
	Surcingles	1	
	Trees	1	

* Reversible bits will be issued when stock of saddlery bits is exhausted.
† Not required with Mark II.
‡ With Mark III. packsaddle no seats are required, and the "straps girth," although issued, are not charged separately, being part of the "tree."

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Signalling Equipment.

TABLE 12.	Per Battalion.	Remarks.	
Woolwich Store Charge 10.			
Locks, pad, iron, small	1		
Woolwich Store Charge 11.			
Oxygen mixture*... ... ... lbs.	104‡		54
Methylated spirits* ... ... pints	50‡		Gen. No.
Woolwich Store Charge 25.			6293
Scissors, lamp	4	Including 2 for limelight apparatus.	
Woolwich Store Charge 28.			
Apparatus, limelight*: Bags: gas	4		
Bags: pressure	2		
Bottles, cleansing gas	2		
Can, tin	2		
Cases: brass	2		
Cases: tin	2		
Cylinders, lime pencils	2		
Flasks	2		
Lamps	2		
Pencils ... ... doz.	2		
Retorts, copper	4		
Spanners	1		
Cans, oil, feeding, army signalling	1		
Cases, message book	2	For each retort.	
Cotton, waste ... ... lbs.	3§		
Flags, signal, army††: blue, 3 feet square	4	On waist belt.	A.O. 58, 1892.
blue, 2 ,, ,, ...	4		
white, with stripe, 3 feet square ...	4		
white, with stripe, 2 ,, ,, ...	4		
Poles, 5 feet 6 inches	10		
Poles, 3 ,, 6 ,, ...	10		
Heliographs, 5-inch (with stand)*	2		
Lamps, bull's eye, signal (with stand)	4		
Pannier, signalling: No. 1	2		
Pannier, signalling: No. 2	2		A.O. 58, 1892.
Stands, telescope, signalling	2		
Telescopes, signalling	2		
Tubing, india rubber, ⅜-inch*... ... ... yards	10		
Wheels, cypher	2		
Woolwich Store Charge 29.			
Keys, dummy, signallers	2		33407
Not in Vocabulary.			Equipt.
Cards, test‖	50		1606
Books, Manual of instruction‖	4	295 A. (*i*) with 2 sheets of carbon paper each.	54
Message forms‖	600		Gen. No.
Oil, colza† ... ... pints	60§		6293
Wick†: common* ... ... lb.	2‖		54
Wick†: round, 1½-inch... ... ... yards	10§		Signallers
			29

* To be returned to store on embarkation of battalion for India.

† Supplied by Army Service Corps. ‡ Twelve months supply.

§ Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion. ‖ Supplied from the War Office on requisition.

†† The proportion of each description of flag may be departed from when local conditions render this course advisable, but the total of 16 per Battalion must not be exceeded.

54 Gen. No. 5779

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Range-finders.

TABLE 13.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Range-finders, field — Watkin, small, with appurtenances — Class I. (As defined in Appendix VI., Part 1.)	1	The Watkin or the Weldon range-finder or Mekometer will alone be supplied.
Watkin, small, with appurtenances — ,, II.	1	
Weldon ... — ,, I.	1	
Weldon ... — ,, II.	1	
104 Range Finders 376 — **Mekometers*** — left ... ... / right ... ... / cords and reels ... ... sets	4	

* To be issued, when available, in lieu of either Watkin or Weldon range-finders.

Musical Instruments.

TABLE 14.	Battalions.	Regimental Depôts.	Remarks.
Woolwich Store Charge 29.			
54 Gen. No. 5952 — **Bugles** ... ... / **Strings,** bugle, Royal or green*	8	2†	1 per serjeant bugler and 2 per company in light infantry and rifles
Cases — drum, brass, large	8	2	These (except tuning forks and pitch pipes) are not supplied to Light Infantry or Rifles.§
Cases — flute — B	6	2	
Cases — flute — F	2	...	
Cases — piccolo — (E♭)	1	...	
Cases — piccolo — (F)	1	...	
Drums — side, brass, large	8	2	
Drums — ,, sticks ... ... pairs	8	2	
Drums — silent‡	4	1	
Flutes — B	6	2	
Flutes — F	2	...	
Piccolos — E♭	1	...	
Piccolos — F	1	...	
Pitch pipes	1	1	
Tuning forks	1	1	

* Regiments termed "Royal," or designated as "King's," "Queen's," "King's Own," "Queen's Own"; also the Guards, and the Somerset Light Infantry, have *Royal* strings; the remainder, including the Rifles, have *Green* strings.

† Two bugles in addition are allowed to regimental depôts when both battalions are abroad.

‡ The Service drum-sticks are to be used with the silent drums.

§ Nor to regimental depôts composed partly of light infantry. A drum with sticks is allowed to light infantry regimental depôts, and regimental depôts composed partly of light infantry, for beating time in drilling recruits.

TABLE 15. Camp Equipment and Intrenching Tools.

Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Part 1.

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Tools, Artificers, and Opening Packages.

TABLE 16.	Battalions.	Regimental Depôts.	Remarks.
Woolwich Store Charge 7.			
Chests, tool, filled* — No. 1 B	2	...	For details of contents of chests, *see* Appendix V., Part 1.
,, 3 B	3	...	
,, 6 B	1	...	
,, 11 D	1	...	
,, 12 C	1	...	
,, 12 D	1	...	
Chisels, ripping	1	1	Opening packages
Drivers, screw, G.S., 9-inch	1	1	
Hammers, fitters, 24-oz.	1	1	
Woolwich Store Charge 8.			
Knives, laboratory	1	1	

* Only issued on the special authority of the Secretary of State, and provided there are qualified tradesmen to use them. *See* paragraph 245, Part 1.

Stencil Brushes and Plates, and Stamps.

TABLE 17.	Battalions.	Regimental Districts.	Remarks.
FOR BLACK ACCOUTREMENTS.			
Woolwich Store Charge 25.			
Stamps, steel, for wood, ¼-inch — figures, 0 to 8 ... sets	1		For Rifle corps. (A.O. 58, 1892.)
letters — regimental initial ...	1	...	
letters — R.D.	...	1	
FOR BUFF ACCOUTREMENTS.			
Woolwich Store Charge 25.			
Stamps, brass or gunmetal on wood, ¼-inch figures, 0 to 8 ... ... sets	1	1	Except for Rifle Corps. (54 Gen. No. 5129)
Typeholders	2	2	
Blocks, wood	2	2	
Typeholders, type. — figures, ¼-in. numeral — battalion ...	1	...	
figures, ¼-in. numeral — R.D.	...	1	
letters — ¼-in. (regimental initial) ...	1	...	
letters — ¼-in. R.D.	...	1	
letters — $\frac{3}{16}$-inch (regimental terminal)	1	...	
FOR VALISES.			
Woolwich Store Charge 25.			
Brushes, stencil	...	...	2 per company.
Plates, stencil, paper	...	...	
FOR SMALL ARMS.			
Weedon Store Charge.			
Stamps, steel — for metal, letters, 1 letter, $\frac{5}{64}$-inch (regimental terminal)	†	...	
for wood, letters, 2 letter, $\frac{7}{64}$-inch (R.D.)	...	*	

* The letters R.D. will be issued on demand for the use of armourers employed in marking the arms of Regimental Districts.

† These stamps will be issued on loan, as required, under paragraph 280, Part 1.

N.B.—The "Guards" will have also the letters G., C. G., or S. G., one per battalion.

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Stencil Brushes and Plates, and Stamps—*continued.*

TABLE 17—*continued.*	Battalions.	Regimental Districts.	Remarks.
Woolwich Store Charge 25.			
Stamps, steel, for metal — figures, sets 0 to 8, ⅛-inch.	†	...	The ordinary stamps required for marking arms are included in Appendix IV., Part 1.
Stamps, steel, for metal — letters — 1 letter, ⅛ inch (regimental initial)	†	...	
Stamps, steel, for metal — letters — 2 letter, ⅛-inch (R.D.)	...	*	

* The letters R.D. will be issued on demand for the use of armourers employed in marking the arms of Regimental Districts.

† These stamps will be issued on loan, as required, under paragraph 280, Part 1.

N B.—The "Guards" will have also the letters G., C. G., or S. G., one per battalion.

Miscellaneous Stores and Instruments.

The consumable materials in this table are a 12 months' supply.

TABLE 18.	Battalions.
Weedon Store Charge.	
Chests, or cases, rifle, regimental, M.L.M. or M.H.*†	*See* paragraph 139, Part 1.
Woolwich Store Charge 1.	
Bags, squad*	1 per 25 N.C. officers and men.
Handcuffs, common ... ... pairs	1 per company* and 1 spare per battalion.
Woolwich Store Charge 2.	
Implements, intrenching ... ... **Axes,** pick, intrenching‖ **Shovels,** intrenching‖	For battalions belonging to 1st Army Corps 50 per cent., and for other battalions 15 per cent. of rank and file, exclusive of pioneers and band. (*See* paragraph 258, Part 1.)
Boxes, stationery, field	2 per battalion.‡
Woolwich Store Charge 10.	
Nails, horse shoe **Shoes,** horse (spare)	For general instructions to guide the supply of horse shoes and nails, *see* Section VII., Part 1.
Woolwich Store Charge 11.	
Dubbing...	½ lb. per squad bag.
Woolwich Store Charge 25.	
Chests, school material	1 per battalion.
Woolwich Store Charge 29.	
Instruments, drawing, musketry instructors...	1 per battalion.

* To be returned to store on embarkation of battalion for India.

† 1 per regimental depôt company (if required).

‡ For battalions stationed at home only.

‖ These tools will be issued when store of intrenching implements is exhausted Two shovels will be supplied to one pick.

54
68
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Instruments for Field Sketching.

(*Referred to in paragraph* 262, *Part* 1.)

TABLE 19.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Cases, sketching, R.M.A.	2	
Compasses magnetic, pocket	6	
prismatic	2	
drawing, shifting leg, pen and pencil legs, in case	3	
Protractors, ivory, 6 inch	6	
Scales, mathematical, No. 3, Marquoi ... ... sets	3	
Not in Vocabulary.		
Conventional signs ‖	6	

‖ Supplied from the War Office on requisition.

Machine Guns.

(*Referred to in Paragraphs* 143 *to* 150, *Part* 1.)

For Machine Gun Detachments as authorised.

TABLE 20.	Proportions with 1 gun.
Woolwich Store Charge 5.	
Harness, machine gun, Infantry ... ... sets	1*
Woolwich Store Charge 13.	
Carriages, field machine gun, Infantry, Maxim	1
Woolwich Store Charge 16.	
Guns, Maxim, ·303 inch, complete	†

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54 Machine Guns 6

* For details *see* Table 21. † As authorised.

List of Stores issued with Guns, Machine, Maxim, ·303 inch.

TABLE 20—*continued.*	No. per Gun.
Woolwich Store Charge 16.	
Barrel, with protector muzzle and chain	1
Belts, ammunition (250 rounds)	16
Boxes, belt, ammunition, No. 2	16
Box, spare parts, &c., containing the following:—	1
Foxes, tin, for eyelets, strips, &c.	2
Blocks, feed	1
Chains, fusee, with fittings	2
Corks, for plug	2
Eyelets, repairing belts	500
Gibs	2
Handles, crank	1
Levers, extractor, left	1
,, ,, right	1
Locks, complete	1
Muzzle attachment§	1

§ The issue to the service of the attachment and gib keys belonging to it is at present suspended.

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List of Stores issued with Guns, Machine, Maxim, ·303 inch—*continued.*

TABLE 20—*continued.*	No. per Gun.
Box, packings, asbestos, pieces 11 inches long	2
,, ,, ,, 5 yards ,,	1
Pins, firing	2
,, axis, lock spring	2
,, ,, sear	2
,, ,, trigger	2
,, ,, tumbler (steel)	24
,, fixing axis pins	4
,, ,, extractor, spring	4
,, ,, fusee, chains	2
Plug, cork, complete	*
Strips, long } repairing belts	50
,, short } repairing belts	100
Sights, tangent, complete	1
,, fore	1
Sears	1
Springs, buffer	4
,, feed block	4
,, cover	4
,, ,, lock	2
Springs connecting rod	2
,, ejector tube (steel)	2
,, extractor	2
,, fusee complete with fittings	2
,, gib	2
,, lock	4
,, feed block, slide	4
,, sear	2
,, shutter	2
,, side plate	2
,, safety catch	2
,, tangent sight	2
,, tangent sight slide	2
,, trigger bar	2
Trigger	1
Tumblers	1
Bags, water, and nozzle, with cap and chain	1
Balance spring	1
Drivers, screw, large	1
,, ,, small	1
,, ,, bent	1
Funnels	1
Keys, gib, gun metal valve	1
,, ,, muzzle protector and check nut††	1
,, ,, gun metal, gland, and adjusting screw††	1
,, ,, cup muzzle and casing††	1
Plugs, clearing, Mark II.	1
Punches, Nos. 1, 2, 3, and 4	4
Pliers, cutting ... pairs	1
Spanners, shifting	1
Tools, belt repairing	1
Vessels, water, brass	1
57 Wrenches, pin	1
Malta **Plugs,** belt, Maxim, ·303 inch	‡
9031 †**Rod,** cleaning	1

* One for every 2 guns.

† Carried on Gun Carriage.

‡ One per battalion to be carried in box of spare parts.

†† The issue to the service of the attachment and gib keys belonging to it is at present suspended.

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List of Stores issued with Carriage, Field, Machine Gun, Infantry.

TABLE 20—*continued.*	No. per Carriage.
Woolwich Store Charge 2.	
Axes — felling, curved helve	1
Axes — pick — heads, 6½ lbs.	1
Axes — pick — helves, 34½ inches	1
Spades, N.P.	2
Woolwich Store Charge 8.	
Spanners, McMahon, 12 inch	1
Woolwich Store Charge 13.	
Boxes, ammunition	16†
,, grease, 3 lb. tin*	1
,, tin, for tow*	1
Cans, water*	1
,, lubricating, No. 9	1
Covers, leather, oil can*	1
Pockets — leather, for feeding block*	1
Pockets — ,, ,, gun lock*	1
Pockets — ,, ,, joint pins*	1
Swingletree, No. 6	1
Woolwich Store Charge 18.	
Ropes, drag, light, carriage, field, M.G., Infantry ... pairs	1
Woolwich Store Charge 11.	
Grease Fields' ... lbs.	§
SPARE PARTS.	
Woolwich Store Charge 13.	
Bolts, with nuts, securing top shield	1
Keys, split, round loop — ·2 in. by 1·75 in.	2
Keys — ·25 ,, ,, 2·5 ,,	2
Keys — ·15 ,, ,, 1·75 ,,	2
Keys — ·1875 in. by 1·75 in.	2
Pins — joint — crosshead	1
Pins — joint — elevating gear	1
Pins — taper — ·1875 in. by 1·625 in.	2
Pins — taper — ·2 in by 2 in	2
Propsticks, complete	1 per 4 carriages.
Shafts — No. 28	,, ,,
Shafts — No. 29	,, ,,
Springs — catch, securing carrier	1
Springs — flat, clamp traversing	1
Woolwich Store Charge 13.	
Nuts, 1-inch, bolt, bracket pivot	1
Pins, linch, 3rd Class	1
Ties, linch-pin	2
Washers, drag, 3rd Class	1

* Issued with the carriage.

† Will carry 4,000 rounds of ·303 inch ammunition.

NOTE.—Materials for cleaning and oiling machine guns and their carriages are supplied in the following proportions :—

Oil, Rangoon	pints 4	Para. 149, Part I., Equipment Regulations.
Sheeting, old	lbs. 3	
Turpentine, spirits of	pint 1	

§ 3 lbs. per wheel per annum.

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Harness for Infantry Machine Guns.*

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TABLE 21.	No. in a set.
HARNESS, GENERAL SERVICE. *Woolwich Store Charge 5.*	
Bits, portmouth, reversible, with bridle head (No. 1 size)	1
Girths, leather, luggage	1
Numnahs, felt	1
Pannels, wood arch saddles, O.P. luggage, transport ... pairs	1
Reins, leading	1
Ropes, head, cotton	1
Saddles, wood arch, O.P. luggage, transport	1
Straps { girths§...	4
Straps { kicking††	—
Straps { luggage, wallet	2
Wallets, W.A. saddles, luggage ... ... pairs	1
Whips, drivers'	1
Woolwich Store Charge 6.	
Cases, horseshoe, saddlery, patt. '84	1
Reins, bridoon, patt. '84	1
Straps, shoe case, patt. '84	1
Surcingles, leather, harness, Mark II.	1
HARNESS, MULE, BREAST, G.S. *Woolwich Store Charge 5.*	
Bands, back	1
Breechings	1
Collars, breast, Mark II.	1
,, head (without chapes and ring)	1
Crupper	1
Straps { crupper	1
Straps { neck, Mark II.	1
Straps { wither...	1
Traces, long, Mark II. ... ...pairs	1
Tugs, backband { near...	1
Tugs, backband { off	1
PACKSADDLERY, G.S. *Woolwich Store Charge 27.*	
Bit, bridoon	1
STABLE NECESSARIES. *Woolwich Store Charge 5.*	
Bags, nose, G.S....	1
Brushes { harness, hard	1†
Brushes { horse	1
Combs, curry, Mark II.	1
Pickers, hoof	1
Sacks, corn, 4 bushel, canvas	1†
Scissors, trimming	1†
Sponges, G.S.	2‡
MISCELLANEOUS STORES. *Woolwich Store Charge 11.*	
Oil, rape } proportions per set of harness and saddlery { quarts	2
Soap { hard } proportions per set of harness and saddlery { bars	5
Soap { soft } proportions per set of harness and saddlery { lbs.	3
Dubbing } proportions per set of harness and saddlery { ,,	½

52 Dover 2929 40016 4193

54 Gen. No. 5347 54 Mtd. Infty. 493

* A complete set of harness for Infantry Machine Guns comprises the above-mentioned parts of General Service and Mule Harness and of Packsaddlery. (§ 6535, List of Changes.)

† Per two sets of harness.

‡ Per draught horse, per annum, for cleaning harness.

†† May be drawn when required. § If iron arch saddles are issued.

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TABLE 22. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
239	Regimental equipment	Account ledger.
281	Regimental repairs	Daily work book.
282		Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
G 968	Camp equipment	Requisition.
G 973		Account (*temporary use*).
G 997	Equipment in general (*blank*)	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
F 754		Convoy note.
G 980		Carrier's note.
G 1027	Materials for repair in general (*blank*)	Requisition.
G 815	Ammunition, small arm	Requisition.
G 804	,, blank, for reviews ..	Requisition.

HONG KONG REGIMENT.

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Arms.

TABLE 1.	Battalion and Regimental Depôt.
WEEDON STORE CHARGE.	
MARTINI-HENRY.	
Rifles { Mark II (long or short butts, as required)	1 per havildar and rank and file, except band.*
Rifles { Mark II, D.P. (long or short butts, as required)	50 for the battalion.
Jags { M.-H., brass	1 per rifle.
Jags { ,, ,, (spare)	6 per battalion.
Protectors { front-sight, M.-H. rifle ...	1 per rifle.
Protectors { ,, ,, (spare)	10 per battalion.
Reflectors, steel...	1 per 20 or less serviceable rifles.
Rods, cleaning, M.-H. rifle (spare)	6 for the battalion.
Pistols { Webley	1 per native officer and staff havildar.
Pistols { ,, rods, cleaning	
Bayonets { M.-H., long	1 per rifle, except havildars.
Bayonets { ,, ,, (spare)	4 for the battalion.
Sword-bayonets { M.-H. rifle, converted	1 per havildar.
Sword-bayonets { ,, ,, (spare)	1 for the battalion.
Scabbards { bayonet, M.-H., long	1 per bayonet and spare bayonet.
Scabbards { sword-bayonet, M.-H. rifle, converted	1 per sword-bayonet and spare sword-bayonet.
Swords, S.S., pattern 1889, gilt hilt... ...	1 per native officer and staff havildar, including drum-major.
Scabbards, sword, S.S., pattern 1889 ...	1 per native officer and staff havildar, including drum-major.
Rifles, M.-H., M.T.	2 per company for aiming tubes.
Tubes, aiming { Martini-Henry rifle	2 per company.
Tubes, aiming { brushes, cleaning	
Tubes, aiming { keys, Martini-Henry	
Tubes, aiming { rods, cleaning, rifle	
Tubes, aiming { sights, fore, false, M.-H. rifle ...	
Not shown in Vocabulary.	
Scabbards, sword, drummers', native pattern†	1 per drummer and musician.
Sword, drummers', native pattern†... ...	1 per drummer and musician.

* There are no Pioneers in the Hong-Kong Regiment.
† Will be obtained from India.

The Drill Havildar, Quarter-Master Havildar, Armourer Havildar, Band Havildar, and Drum-Major, are equipped with Staff-Serjeants' swords.

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Ammunition.

TABLE 2.	Battalion and Regimental Depôt.	
	Service.	Practice.
Woolwich Store Charge 23.		
Cartridges, aiming tube	In accordance with para. 151, Section V., Part I., Equipment Regulations.	In accordance with Indian Musketry Regulations, 1892.
Cartridges, small arm — ball, pistol, Webley ...		
Cartridges, small arm — ball, M.-H. rifle		
Cartridges, small arm — blank, M.-H.		

Articles for Musketry Instruction.

As detailed in Part I.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Part I.

Accoutrements.

(These articles in as far as they are of Indian Pattern will be obtained from India.)

TABLE 3.	Battalion and Regimental Depôt.
Woolwich Store Charge 1.	
Bottles — water, Italian, without spring clip	1 per native officer, and 1 per non-commissioned officer and man.
Bottles — zinc, oil	1 per rifle.
Carriages — drum, brown	1 per side drum.
Carriages — water bottle, Italian, brown, L.S.	1 per water bottle.
Frogs — brown, bayonet	1 per rank and file.
Frogs — brown, sword-bayonet, L.S. ...	1 per havildar.
Frogs — intrenching implement†	1 per implement.
Knots, sword, brown, Infantry	1 per sword.
Pouches, ammunition, brown, pistol, Infantry	1 per pistol.
Slings, rifle, brown, Infantry...	1 per rifle.
Whistles, Infantry (Mark III)	1 per native officer and havildar, except quarter-master havildar, armourer havildar, band havildar, and drum-major

40116 / 4393

† Or when store of above is exhausted :—

Carriage, black or buff { axe, pick, intrenching / shovel ,, } 1 per pick or shovel.

40116 / 4393

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Accoutrements—*continued.*

(These Articles in as far as they are of Indian Pattern, will be obtained from India.)

TABLE 3—*continued.*	Battalion and Regimental Depôt.
Not in Vocabulary.	
Aprons, leg, brown	1 per side drum.
Belts waist, brown (native officer) ...	1 per native officer and staff havildar.
Belts shoulder, brown, native Infantry ...	1 per drummer and musician.
Belts waist, brown, M.E., N.I.	1 per havildar and rank and file.
Belts ,, ,, ,, (spare) ...	3 for the battalion.
Cases brown, fife	1 per fife.
Cases brown, oil bottle	1 per oil bottle.
Frogs, brown, fife case	1 per fife case.
Fouches, ammunition, brown M.E., N.I. ... 30 rounds; with tubes ... 20 ,,	1 each per havildar, and 1 per rank and file.
Fouches, ammunition, brown without tubes... 20 ,,	
Straps brown, M.E., braces, sets of 3 sets	1 set per havildar and rank and file.
Straps brown, M.E., great coat pairs	All staff havildars, havildars, and rank and file.
Washers, leather, for oil bottle	1 per oil bottle.

Articles for Repairs of Accoutrements.

TABLE 4,	Battalion above 600 R. & F.	12 Months' Supply.
Woolwich Store Charge 1.		
Thongs, brown (rifle sling)	43	
Not in Vocabulary.		
Buckles, brass, frog, M.E., N.I.	2	
Carriages, waist belt, brown, M.E., N.I. long	1	
Carriages, waist belt, brown, M.E., N.I. short	1	
Dees, brass, pouch, M.E., N.I.	36	
Fronts, frog, brown, M.E., N.I.	10	
Leather, pieces buffalo, tanned and curried ..	—	1 hide per company.
Leather, pieces cow ,, ,, ...	—	
Hooks, gilt, side, Infantry, M.E., N.I. ...	1	
Safes, waist belt, brown, Infantry, serjeants and R. and file, M.E., N.I.	18	
Straps, brown, frog, Infantry, M.E., N.I....	18	
Studs, brass, ammunition pouches, M.E., N.I....	33	

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Sect. I. Hong Kong Regiment.

Signalling Equipment.

TABLE 5.	Per Battalion.	Remarks.
Woolwich Store Charge 10.		
Locks, pad, iron, small	4	
Woolwich Store Charge 11.		
Oxygen, mixture ... ... lbs.	24	12 months' supply.
Woolwich Store Charge 28.		
Apparatus, limelight: Bags { gas	4	
Bags { pressure	2	
Bottles, cleansing gas	2	
Can, tin	2	
Cases { brass	2	
Cases { tin	2	
Cylinders, lime pencils...	2	
Flasks	2	
Lamps	2	
Pencils ... ... doz.	2	
Retorts, copper	4	
Spanners	1	For each retort.
Cans, oil, feeding, army signalling	1	
Cases, message book	2	On waist belt.
Cotton waste... ... ... lbs.	3	
Flags, signal, army: blue { 3 feet square	4	
blue { 2 ,, ,, ...	4	
white, with stripe { 3 feet square	4	
white, with stripe { 2 ,, , ...	4	
poles { 5 feet 6 inches...	10	
poles { 3 ,, 6 ,, ...	10	
Heliographs, 5 inch, with stand	2	
Horns, fog	2	
Lamps, bull's-eye, signal, with stand...	4	
Methylated spirits... ... ...pints	12	12 months' supply.
Panniers, signalling { No. 1	2	
Panniers, signalling { No. 2	2	
Scissors, lamp ... ...pairs	4	
Stands, telescope, signalling	2	Including 2 for limelight apparatus.
Telescopes, signalling	2	
Tubing, india-rubber, ⅜-inch ... ... yards	10	
Wheels, cypher	2	
Woolwich Store Charge 29.		
Keys, dummy, signallers'...	2	
Not in Vocabulary.		
Cards, test*	50	
Yakdans	2	
Books, signalling,* manual of instruction	4	
Message forms*	600	295A, (1) with 2 sheets of carbon paper each.
Oil, colza† ... ...pints	30	Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion.
Wick† { common ... ... lbs.	2	12 months' supply.
Wick† { round, 1½-inch ... ... yds.	10	Sufficient for 4 lamps for 150 hours.

38407
Equipt.
1606

* Not an Army Ordnance supply. Supplied from the War Office on requisition.
† Not an Army Ordnance supply. Supplied by Army Service Corps.

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Range-finders.

TABLE 6.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Range-finders, field — Watkin, small, with appurtenances — Class I. (As defined in Appendix VI., Part I.)	1	The Watkin or the Weldon range-finder or Mekometer will alone be supplied.
Range-finders, field — Watkin, small, with appurtenances — ,, II. (As defined in Appendix VI., Part I.)	1	
Range-finders, field — Weldon ... — ,, I. (As defined in Appendix VI., Part I.)	1	
Range-finders, field — Weldon ... — ,, II. (As defined in Appendix VI., Part I.)	1	
Mekometers* — left	4	
Mekometers* — right		
Mekometers* — cords and reels... ... ... sets		

104
Range Find's
376

* To be issued, when available, in lieu of either Watkin or Weldon range finders.

Musical Instruments.

TABLE 7.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Bugles...	8	
Strings, bugle, green		
Cases — drums, brass, large	8	
Cases — flute B	6	
Cases — flute F	2	
Cases — piccolo Eb	1	
Cases — piccolo F	1	
Drums, side — brass, large	8	
Drums, side — sticks	8	The service drum sticks are to be used with the silent drums.
Drums, side — silent	4	
Flutes B	6	
Flutes F	2	
Piccolo Eb	1	
Piccolo F	1	
Pitch pipes	1	
Tuning forks	1	

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Sect. I. Hong Kong Regiment.

Tools, Artificers, and opening Packages.

TABLE 8.	Per Battalion.	Remarks.
WEEDON STORE CHARGE.		
Tools, armourers ... ... set	1	As detailed in the Equipment Regulations, Part I.
Woolwich Store Charge 7.		
Chisels, ripping	1	Opening packages.
Drivers, screw, G.S., 9 in.	1	
Hammers, fitters, 24 ozs....	1	
Woolwich Store Charge 8.		
Knives, laboratory	1	

Stamps.

TABLE 9.	Per Battalion.	Remarks.
Woolwich Store Charge 25.		
Stamps steel, for wood, ½-inch, figures, 0 to 8 sets	1	
Stamps steel, for wood, ½-inch, letters, 3 letters (H K R)...	1	

Miscellaneous Stores and Instruments.

TABLE 10.	Per Battalion.	Remarks.
WEEDON STORE CHARGE.		
Chests, rifle, regimental, M.-H. Infantry	...	*See* paragraph 139, Part 1.
or		
Cases, 10 rifles, regimental, M.L.-M. (and M.-H.)...	...	
Woolwich Store Charge 1.		
Handcuffs, common ... ... pairs	2	

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Miscellaneous Stores and Instruments—*continued.*

TABLE 10—*continued.*	Per Battalion.	Remarks.
Woolwich Store Charge 2.		
Implements, intrenching	—	15 per cent. of rank and file, exclusive of band.
Axes, pick, intrenching†		
Shovels, intrenching†		
Woolwich Store Charge 25.		
Chests, school materials	1	See Section XII., Part I.
Woolwich Store Charge 29.		
Instruments, drawing, musketry instructors ...	1	
Stores not in Vocabulary.		
Balance, spring	1	
Bells, large	1	
Chests, treasure, small	2	
Colours { camp, J.P.	24	
Colours { camp, poles	24	
Mallets, large	1	
Scales, weighing, iron beam, triangle, 1 cwt. (for bell, large)	1	
Sticks, pace	12	

40116
4393

† These tools will be issued when store of intrenching implements is exhausted. Two shovels will be supplied to one pick.

TABLE 11. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
239	Regimental equipment...	Account ledger.
281	Regimental repairs	Daily work book.
282		Account book.
Forms.		
G 957	Materials for repairing accoutrements ...	Requisition.
G 968	Camp equipment	Requisition.
G 973		Account (temporary use).
G 997	Equipment in general (*blank*) ...	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
F 754		Convoy note.
G 980		Carrier's note.
G 1027	Materials for repair in general (*blank*) ...	Requisition.
G 815	Ammunition, small arm	Requisition.
G 804	,, blank, for reviews	Requisition.

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EQUIPMENT REGULATIONS.

38407
Equipment
1761

PART 2.

SECTION I.—INFANTRY DETAILS.

Amendments in connection with the Mobilization Store Tables.

Table 1.—

"Bottles, oil, M.L.M. rifle."	To detail *add* "and 5 per cent. spare."	54 / 1
Protectors, front sight, M.L.M. rifle Pull-throughs	For present detail *substitute* "1 per rifle and 5 per cent. spare."	43 / 93
After "Rods, clearing," *add*— "Swivels, butt, M.L.M. rifle ...	8 for machine gun sections. To be handed over with the other machine gun equipment, as directed in Part 1."	40116 / 5103
"Swords, staff-serjeants', Highland regiment."	In detail column after "Highland" *add* "and Scottish."	54 / 1 / 25 / 43

Tables 4 and 5.—

After "Knots, sword," *add*— "Lanyards, pistol	1 per pistol."	38407 / Equipment / 1709
After "Slings, rifle" *add*— "Slings, rifle, buff, mounted infantry.	8 for machine gun sections. To be handed over with the other machine gun equipment, as directed in Part 1."	40116 / 5103

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Table 9.—

38407
Equipment
1709

For "Rasps, farriers', 14-inch," *substitute* "Rasps, farriers', 16-inch."

54
Gen No.
6675

"Cases, black, billhook." In 3rd column *add* "1."

Table 10.—

...
6553

After "Wagons, G.S.," *add*—
"Spanners, McMahon, 9-inch.... .... | 1 | "

40116
4585

"Harness, transport, wheel, off, sets," for "1" *substitute* "2."

Saddlery, universal, R.A., *dele* the second set. "Taken from used saddlery in store."

Against "Bags, nose, G.S.," "Combs, curry," "Sponges, G.S.," place a "*" and add footnote, "* Battalions in possession of 3 horses will only be allowed 3 of each of these articles."

Table 11.—

38407
Equipment
1717

After "Cases, horse-shoe, harness," *insert*—
"Chains, hame, Mark I. ... ... | 1 | 1 | .... | "

...
1740

For "Hames with rings," *substitute* "Hames."

...
1700

Dele "Skins. sheep, harness," and detail.

Dele "Cases, cloak," and detail.

"Cases, horse-shoe, saddlery pattern 1884," for "1" *substitute* "2."

...
1717

After "Numnahs, felt," *insert*—
"Protectors, cape .... | .... | 1 | "

Table 12.—

54
Signallers
43

After "Flags, signal, army," *insert*—
"Flags, semaphore, sets .... | 12 | "

Table 13.—

Dele "Range-finders, field, Watkin and Weldon," and detail, also footnote *.

Table 18.—

57
Gen. No.
7926

Implements, intrenching		For present detail *substitute* "All battalions in the proportion of 48 per company."
Axes, pick, intrenching		
Shovels, intrenching		

Amend the last line of footnote || to read "32 shovels will be supplied and 16 picks per company."

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Table 20. Page 20—

Barrel, with protector muzzle and chain, for "1" *substitute* "3," and *add* footnote "† *See* paragraph 146A, Part 1." — 54 / Machine guns / 192

After "Guns, Maxim, ·303-inch, complete," *add* "Locks, skeleton (brass), **," and footnote "** One per detachment for instructional purposes." — 54 / 3rd Gren. Guards / 473

Dele "Boxes, belt, ammunition, No. 2," and detail.

Page 21—

Box, pins, axis, tumbler (steel), for "24" *substitute* "4."
" fixing axis pins for "4" *substitute* "24." — 54 / Machine guns / 184

Page 22—

Transfer from "Woolwich Store Charge, 13" to "Woolwich Store Charge, 4" the following :— — 38407 / Equipment / 1730

Pins, linch-pin	1
Ties "	2
Washers, drag, 3rd class	1

Dele "Boxes, ammunition," and detail.
Add "Woolwich Store Charge, 16"— — 54 / Machine guns / 192

"Boxes, belt, ammunition, No. 2 .... | 16†"

For "Shafts { No. 28," *substitute* "Shafts | Near No. 28‡"
" 29," " " | Off No. 29‡" — 71 / 1 / 6358

And *add* footnote "‡ To be carried on the G.S. wagon for stores of the battalion."

For present "Note," at bottom of page, *substitute* "Materials for cleaning and oiling machine guns and their carriages are supplied in the proportions laid down in Part 1." — 54 / Machine guns / 131

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Despatch No. 313

U. S. EMBASSY,

LONDON.

June 4 1897

Lieut. Col. WM. LUDLOW,

Corps of Eng'rs.

Military Attaché

WAR DEPARTMENT,

MILITARY INFORMATION

JUN 12 1897

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION I.

INFANTRY DETAILS.

PEACE.

WAR OFFICE, 1896.

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REGULATIONS

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PART 2.—SECTION III.

ARMY SERVICE CORPS DETAILS.

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FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION III.

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WAR OFFICE, 1896.

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Despatch No. 295

U. S. EMBASSY,

LONDON.

Aug. 31" 1896

Lieut. Col. W.M. LUDLOW,

Corps of Eng'rs.

Hodson Military Attaché.

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PART 2.—DETAILS OF EQUIPMENT.

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PEACE.

SECTION III.—ARMY SERVICE CORPS.

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Sect. III. Army Service Corps.

A.O. 92, 1893.

[The Peace Establishments of the Army Service Corps are published from time to time in Army Orders, and being subject to change they are not inserted in these tables.]

TABLE 1.

Summary of Pack Equipment, Harness, Saddlery, and Carriages.	Each Mounted Company. Service.	Each Mounted Company. Depôt.
PACK EQUIPMENT.		
Woolwich Store Charge (27).		
Pack-saddlery, General Service — large	1	1
Pack-saddlery, General Service — small	1	1
Cacolets	2	2
Litters — near	1	1
Litters — off	1	1
HARNESS.‡		
Woolwich Store Charge (5).		
Wheel — double sets	13	25
Reins, driving — sets	13	25
Straps — back — ,,	13	25
Straps — kicking	1	1
Traces, short* — pairs	8	12
Whips, driving	13	25
CARRIAGES.‡		
Woolwich Store Charge (3).		
Wagons, ambulance	1	1
Woolwich Store Charge (4).		
Wagons — forge, lock under	1	1
Wagons — general service, lock under	6	10
SADDLERY.		
Woolwich Store Charge (5).		
Officers	2	2
Woolwich Store Charge (6).		
Universal	6	9

STATION STAFF.

	Aldershot.	Woolwich.	Dublin.	Curragh.
Officers	9§	4	1	1
Universal	9†	4	3	2

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* Not supplied with Pattern 1890 harness.

NOTE.—When a company is equipped with a packsaddle forge, a wagon of the pattern of the general service wagons on charge of the company should be issued in lieu of a forge wagon.

N.B.—Personal and other equipment of Station Staff is held on charge of the company to which the men and horses are attached.

§ Four of these for Officers below field rank temporarily mounted.

† Five of these for Officers below field rank temporarily mounted.

‡ When an interchange of units takes place between Great Britain and Ireland, the following articles will not be moved, but will be transferred from unit to unit:—Carriages—All; Harness—Neck collars.

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Arms.

A.O. 92, 1893.

TABLE 2.	Proportions.
Weedon Store Charge.	
Carbines, M.M., artillery, Mark III	1 per rank and file.
Protectors, front sight, M.-M. carbine	1 per carbine.
Pull-throughs...	1 per carbine.
Reflectors†, mirror	3 per company.
A.O. 154 1895. **Rods**, clearing*	1 per carbine.
Pistols, Webley	4 per company.
,, ,, rods, cleaning	
Sword-bayonets, patt. '88...	1 per dismounted trumpeter and rank and file.
Scabbards — sword-bayonet, patt. '88	
Scabbards — sword — cavalry, patt. '85, Mark II	1 per cavalry sword.
Scabbards — sword — staff serjeants, patt. '89 ...	1 per staff serjeants sword.
Swords ... — cavalry, patt. '90	1 per mounted warrant officer (except 1st class staff serjeant-major), staff-serjeant, serjeant, and trumpeter.
Swords ... — staff serjeants, patt. '89, iron hilt	1 per 1st class staff serjeant-major, and dismounted warrant officer staff serjeant, and serjeant.

7669

7666 A.O. 17 & 102, 1896.

* Clearing rods will be issued with all ·303 arms, but, except as regards the supply branch, in time of peace, will be in possession of corporals only, those for other ranks being withdrawn and kept on regimental charge.

† For examining interior of barrels.

54 A. S. Corps 2034

Ammunition.

TABLE 3.	Proportions—Practice and Service.
Woolwich Store Charge (23).	
Cartridges, small arm — ball, M.H. carbine ... / blank, M.H	According to Section V., Part 1.

Articles for Musketry Instruction.

These are supplied to Aldershot and Woolwich in accordance with paragraph 138, Part 1.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1.

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A.O. 92, 1893.

Accoutrements.

TABLE 4.	Proportions.
Woolwich Store Charge (1).	
Belts, pouch, buff, G.S.	1 per 1st class staff serjeant-major, dismounted warrant officer, and staff serjeant, except Barrack Section.
Belts, waist, buff — cavalry, line, O. R.	1 per mounted warrant officer, staff serjeant, serjeant, and trumpeter.
Belts, waist, buff — warrant officers, G.S. ...	1 per dismounted warrant officer, dismounted staff serjeant, and serjeant.
Belts, waist, buff — V. E. patt. '82, G.S. ...	1 per distmounted trumpeter and all rank and file.
Bottles, water, enamelled*...	All ranks.
Braces, buff, V.E., patt. '82, serjeants and rank and file — left ... ... / right	1 per valise.
Chapes, waist belt, patt. '82	2 per dismounted trumpeter and 1 per dismounted rank and file.
Frogs, buff, sword bayonet, infantry	1 per dismounted trumpeter and dismounted rank and file.
Knots, sword, buff, — cavalry, line, O. R. ...	1 per cavalry sword.
Knots, sword, buff, — G.S.	1 per 1st class staff serjeant-major and dismounted warrant officer, staff serjeant, and serjeant.
Pouches — ammunition, brown, pistol, infy. ...	4 per company.
Pouches — ammunition, buff, V.E., patt. '82 ...	1 per rank and file.
Pouches — writing material, conductors ...	1 per 1st class staff serjeant-major and dismounted warrant officer and staff serjeant, except Barrack Section.
Slings, carbine, buff, artillery	1 per carbine.
Straps, buff, V. E., patt. '82 — great coat and mess tin ...	2 all ranks dismounted.
Straps, buff, V. E., patt. '82 — supporting and mess tin...	2 per valise.
Straps, water-bottle*	1 per water-bottle.
Valises, patt. '82, japanned...	1 per dismounted trumpeter, and rank and file.

54 / A.S. Corps / 109

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54 / A.S. Corps / 2091

NOTE.—The pattern waist-belt should be that suitable for the sword pattern (1880 or 1890) when that arm is in use.

* Italian water-bottles and their carriages will continue in use until stock is issued and worn out.

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Articles for Repair of Accoutrements.

A.O. 92, 1893.

TABLE 5.

Annual Supply.	Proportions for One Company Mounted portion. Service.	Proportions for One Company Mounted portion. Depôt.	Proportions for 50 sets of Accoutrements for Mounted men.	Proportions for 50 sets of Accoutrements for Dismounted men.
Woolwich Store Charge (1).				
Billets, buff — pouch, V.E., patt. '82	...	...	...	1
Billets, buff — waist belt, cavalry, line, all ranks, without buckles	6	11	7	...
Buckles — brass — brace, ring barred, V.E., patt. '82	...	...	...	1
Buckles — brass — frog	...	...	...	1
Buckles — brass — strap, V.E., great coat and mess tin	...	...	...	3
Buckles — brass — waist belt, patt. '82	1	1	...	1
Buckles — brass — waist belt billet, cavalry, line	1	2	1	...
Buckles — gilt, waist belt, infantry	...	...	...	1
Buckles — iron, valise	...	...	...	5
Buttons — brass	2	4	3	...
Buttons — leather, sling, buff	...	...	...	2
Carriages, waist belt, buff — cavalry, line — long	1	1	...	...
Carriages, waist belt, buff — cavalry, line — short	1	1	...	...
Carriages, waist belt, buff — infantry — long	...	...	...	1
Carriages, waist belt, buff — infantry — short	...	...	...	1
Catches, waist belt — brass, V.E., patt. '82	2	3	2	...
Catches, waist belt — gilt, cavalry	...	...	...	1
Chapes, black, V.E., patt. '82 — 7½ in. × ¾ in.	...	...	...	3
Chapes, black, V.E., patt. '82 — 4 in. × ¾ in.	...	...	...	5
Dees, brass, pouch V.E.	...	...	...	1
Fronts, frog, buff	...	...	...	1
Hooks — brass — side, cavalry, line	1	2	1	...
Hooks — brass — snake	1	2	1	...
Hooks — gilt, — side, G.S.	...	...	...	1
Hooks — gilt, — snake	...	...	...	1
Loops — brass — valise	...	...	...	1
Loops — brass — waist belt, V.E., triangular	...	...	...	2
Loops — gilt, waist belt, with eye	...	...	...	1
Patches, leather — pouch, buff	...	...	...	2
Patches, leather — waist belt, buff	...	...	...	2
Pieces, leather — black, 2¼-in. by ⅓-in. (for valise)	...	...	...	3
Pieces, leather — buff — 5½-in. by ¾-in. (for carbine sling and waist belt)	2	4	3	4
Pieces, leather — buff — 4¼-in. by 1⅛-in. (for pouch)	...	...	...	2
Pieces, leather — buff — 4¼-in. by ¾-in. (for great coat and mess tin strap)	...	...	...	2
Pieces, leather — buff — 3-in. by ½-in. (for sword knot and supporting and mess tin straps)	2	4	3	5
Rings, brass, waist belt	1	1	...	...
Safes, waist belt, buff, infantry, S. and R. and F., patt. '82	...	...	...	1
Straps, black V. E., patt. '82, valise	...	...	...	2
Studs, brass, ammunition bag and pouch	...	...	...	1

NOTE.—Repairs to station staff accoutrements will be carried out by the companies at the station.

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Musical Instruments.

TABLE 6.	
Woolwich Store Charge (29).	
Bugles	1 per company.
Strings, bugle, green	
Trumpets	
Strings, trumpet, green	
	Extra for training boys.
	10 bugles (with strings) and 10 trumpets (with strings) for Transport Depôt, Aldershot.
	8 bugles (with strings) and 8 trumpets (with strings) for Transport Depôt, Woolwich.

Camp Equipment and Intrenching Tools.

Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Part 1.

Wagons, and Wagon and General Stores.

TABLE 7.	General Proportions.
Woolwich Store Charge (1).	
Handcuffs, common... ... ...pairs	2 per company.
Woolwich Store Charge (2).	
Axes felling, curved helve	Not to exceed 1 to 20 N.C. officers and men.
Axes pick heads, 6½ lbs.	1 per forge wagon, and G. S. wagon.
Axes pick helves, 34½ inches	
Boxes, stationery, field	2 per company.
****Buckets**, water, G.S., leather	Not to exceed 1 to 6 N.C. officers and men.
Cords, forage	1 per horse, and 5 per cent. spare.
Covers, saddle*	1 per set of saddlery or harness, including officers.
Hooks bill	Not to exceed 1 to 15 N.C. officers and men.
Hooks reaping, large	Not to exceed 1 to 10 horses.
Kettles, camp, oval, 12 quarts	1 per 15 N.C. officers and men.
Lanterns, tent, folding, Mark I	2 per company.
Mallets, heel peg	2† ,, ,,
Mauls, iron hooped	3 ,, ,,
Pegs, picketing, with hide loop	6† ,, ,, for heel pegs.
Posts, picket, 2½ feet...	6 per picketing rope.
Ropes head	3† per company.
Ropes heel	
Ropes picketing, tarred	4 ,, ,,
Shovels, universal	1 per forge wagon and G.S. wagon.
Spades, N.P.	
Tents, complete, circular, single ‡	1 per company for drill. (*See* paragraph 237, Part 1.)

38407 Equipt. 1619

54 A.S.C. 2109

* These are for protection of harness and saddlery in camp, or bivouac, but will be used while on the march for protecting the mounted kits. They should only be drawn from store when required. A.O. 58, 1892.

These are for drill purposes.

Five per cent. spare pins for tents are also provided.

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Wagons, and Wagon and General Stores—*continued.*

TABLE 7—*continued.*	General Proportions.
Woolwich Store Charge (3).	
Covers, wagon, ambulance...	1 per ambulance wagon.
Hoops, bale, wagon, ambulance ... ... set	1 ,, ,, ,,
Wagons, ambulance...	1 per company.
Woolwich Store Charge (4).	
Axletrees, 3rd class (hind)... ... (spare)	1 per company.
Chains, pole, wagons ... ... ,,	1 ,, ,,
Covers, wagon, G.S.	1 ,, forge wagon and G.S. wagon.
Lashings omitted, A.O. 58, 1892. **Hoops,** bale, wagon, G.S. ... ... set	1 per forge wagon and G.S. wagon.
Pins, linch, 3rd class... ... ... (spare)	1 per vehicle.
Poles, wagon, G.S., lock under ... (spare)	1 per company.
Shafts (spare) ... ...pairs	1 per company.
Swingletrees, No. 3 ... ... (spare)	1 ,, vehicle.
Wagons { forge, lock under	1 ,, company.
Wagons { general service, lock under	6 ,, service company, and 10 per depôt company.
Washers, drag, 3rd class ... ... (spare)	1 per vehicle.
Wheels { 2nd class B. { No. 123... (spare)	1 of each kind per company, according to the carriages on its Establishment.
Wheels { 2nd class B. { ,, 124... ,,	
Wheels { 2nd class B. { ,, 145... ,,	
Wheels { 3rd class B. { ,, 147... ,,	
Wheels { 3rd class B. { ,, 151... ,,	
Woolwich Store Charge (5).	
Brushes, water, carriage	1 per vehicle on company charge (as an annual supply). 1 per vehicle on local charge (not an annual supply but replaced when worn out).
Pans, oil	2 per company.
Woolwich Store Charge (10).	
Jacks, lifting, G.S.	2 per company.
Nails, horseshoe	For general instructions to guide this supply, *see* Section VII. Part 1.
Shoes, horse	
Woolwich Store Charge (18).	
Ropes, drag, light ... ...pairs	1 per company.

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Saddlery, Officers.

TABLE S.	No. per set.	Remarks.
Woolwich Store Charge (5).		
SADDLERY, OFFICERS.		
Bits { bridoon, with reins	1	
Bits { portmouth, with bridle head*	1	
Breastplates	1	A.O. 58, 1892.
Cases, horse-shoe { near	1	
Cases, horse-shoe { off	1	
Chains, curb	1	
Collars, head	1	
Girths, web	2	
Leathers, stirrup	2	
Panels ... pairs	1†	
Reins, portmouth bit	1	
Ropes, head, cotton	1	
Saddles	1	
Skins, lamb, transport	1	
Straps { cloak { and wallet	2	
Straps { cloak { centre	1	
Straps { girth	4	
Straps { wallet	2	
Surcingles, leather	1	
Wallets ... pairs	1	{ For Mark I. wallets only. When present store is used up. 54 / A.S.C. / 2112
Woolwich Store Charge (6).		
Irons, stirrup	2	
Runners, stirrup, leather	2	
HARNESS AND SADDLERY.		
Numnahs, felt	1	

* When store of these is exhausted, bit portmouth reversible, and bit portmouth reversible heads bridle will be supplied.

† To be replaced by saddle blanket when on active service.

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Harness and Saddlery.
List of Harness to form a Double Set (O.P.).

TABLE 9.	No. per Set of Harness, Transport, Wheel. Near.	Off.	Saddlery, Universal, R.A.	Spare per Mounted Company. Service.	Depot.	Remarks.
Woolwich Store Charge (5).						
HARNESS AND SADDLERY.						
Bands, back, 1¼-in.	...	1	...	...	...	
Bits, portmouth, Mark I., harness, with bridle head	1	1	...	...	...	
Breechings near, with long strap	1	...	...	...	...	
Breechings off	...	1	...	...	...	
Cases, horse-shoe, harness	2	2	...	...	...	
54 A. S. Corps 1973 **Collars** head	1	1	1	2	3	For use with abnormally shaped horses only.
Collars neck	1	1	...	...	...	
Cruppers, harness	1	1	...	...	...	
Girths, web	1	1	...	...	...	
Hames, with rings ... pairs	1	1	...	1	2	
Leggings, drivers	1	...	...	1	2	
Pads, collar¶	...	...	...	...	...	To be replaced by blankets saddle.
Pannels, saddles* drivers ... pairs	1	...	...	...	...	
Pannels, saddles* luggage ... ,,	...	1	...	...	...	
Pieces, buckling, 1-in.	1	1	...	...	...	
Leading Reins omitted by A.O 58, 1892. **Reins** bearing	1	1	...	...	...	
Reins driving ... sets	1	...	...	...	...	One per pair of horses.
Reins side	...	1	...	...	...	
Ropes, head, cotton	1	1	1	...	...	
Saddles, iron-arch *or* wood-arch drivers	1	...	...	...	...	
Saddles, iron-arch *or* wood-arch luggage	...	1	...	...	...	
Skins, sheep, harness	...	1	...	...	...	
A.O. 92, 1893 **Straps** collar pad‖	...	...	...	...	...	
Straps flank	2	2	...	...	...	For iron and N.P. wood arch saddles.
Straps hame	1	1	...	...	...	
Straps wither, 1-in.	1	1	...	...	...	
Traces, harness short ... pairs	1	1	...	8	12	
Traces, harness wheel ... ,,	1	1	...	...	...	
Tugs, back band	...	2	...	...	...	
Wallets drivers ... pairs	1	...	...	...	...	
Wallets luggage ... ,,	...	1	...	...	...	
Whips, drivers	1	...	...	2	4	
Woolwich Store Charge (6),						
Bits bridoon	1	1	1	...	...	Will not be taken into use until stock of universal pannels is used up.
Bits portmouth, Mark I., saddlery, with bridle and reins	...	...	1	...	...	
Blankets, saddle	...	...	1	...	...	
Breastpieces†	...	...	1	...	...	
54 A S. Corps 1973 **Cases**, horse-shoe, saddlery	...	...	2	...	...	
Cruppers, saddlery‡	...	...	...	1	2	
Frogs, sword, saddle§	...	...	1	...	...	
Girths, leather	...	...	1	...	...	
Irons, stirrup, G.S.	2	...	2	2	4	

* For iron arch or wood arch saddles, as necessary.

† Except for 1st Class S.S. Majors, who will receive the breastplate, with neck-strap for universal saddlery.

‡ For use with abnormally shaped horses only

§ Frogs, saddle, farriers, will be issued in lieu to farriers until stock is used up.

‖ Two per pad. ¶ One per neck collar.

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Harness and Saddlery—*continued.*

TABLE 9—*continued.*

	No. per set of Harness, Transport, Wheel. Near.	Off.	Saddlery, Universal.	Spare per Mounted Company. Service.	Depôt.	Remarks.
Woolwich Store Charge (6)—continued.						
Leathers, stirrup	2	...	2	...	...	
Numnahs, felt	1	1	1	...	...	To be replaced by blankets saddle.
Pannels, saddles*, universal ...pairs	...	...	1	...	...	To be replaced by blankets saddle.
„ numnah	...	...	*a*	...	...	To be replaced by blankets saddle.
Reins, bridoon, patt. '84	1	1	1	...	...	
Runners, stirrup, leather	2	...	2	2	4	
Saddles, iron arch *or* wood arch, universal	...	...	1	...	...	
Skins, sheep, saddlery	...	...	1	...	...	
Straps — baggage, Mark II.	...	3	3	...	...	
Straps — cloak and wallet	2	2	2	..	...	
Straps — cloak, centre	1	...	1	...	...	
Straps — shoecase, patt. '84	...	...	2	...	...	
Straps — girth*	...	...	...	...	...	
Straps — shoecase	2	2	2	...	...	
Straps — supporting front...	...	...	2	...	...	
Straps — supporting rear	...	...	1	...	...	
Straps — trace	...	...	2	...	...	
Surcingles, leather, harness	1	...	1	...	...	
Traces, saddlery ... ...pairs	...	...	1	...	...	
Tugs, trace	...	...	2	...	...	
Wallets, universal ... ... pairs	...	...	1	...	...	

Leading Reins omitted by A.O. 58, 1892. 54

A.S.C. 2112

* Four girth straps allowed for iron arch luggage saddles, and for drivers' saddles not fitted with V. attachment.

List of Harness to form a Double Set (N.P).

TABLE 10.

	Articles of General Service pattern. Near.	Off.	Articles of Army Service Corps pattern. Near.	Off.	Remarks.
Woolwich Store Charge (5).					
Bands — back, 1¾-in.	...	1	...	...	
Bands — belly	...	...	1	1	
Bits, portmouth, Mark I., harness ...	1	1	...	...	
Breechings	...	...	1	1	
Cases, horseshoe	2	2	...	...	
Collars — breast	...	...	...	...	Each company will be supplied with breast collars in the proportion of 10 per cent, of the number of horses, in addition to neck collars.
Collars — head	...	...	1	1	
Collars — neck	1	1	...	...	

* For iron arch or wood arch saddles, as necessary. *a* As ordered.

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A.O. 92, 1893.

List of Harness to form a Double Set (N.P.)—*continued.*

TABLE 10—*continued.*	Articles of General Service pattern. Near.	Articles of General Service pattern. Off.	Articles of Army Service Corps pattern. Near.	Articles of Army Service Corps pattern. Off.	Remarks.
Woolwich Store Charge (5)—continued.					
54 A S C. 2165 **Cruppers,** with dock-piece	...	...	...	...	When specially demanded.
" without dock-piece ..	...	...	1	1	
Hames ... ... pairs	...	...	1	1	
Girths, leather or web	1	1	...	...	
Leggings, drivers	1	...	...	...	
Pad, back, with short piece	...	...	1	1	Required for a "near" horse when driving from the box, and for an "off" horse in lead.
Pad, collar‡	...	...	...	...	
Pannels, drivers§	1	...	...	...	
Pannels, luggage	...	1	...	...	
Pieces, buckling, 1-in.	1	1	...	...	
Reins bearing	...	...	1	1	
Reins driving ... ... sets	...	...	1	...	One set for a pair of horses.
Reins side	...	...	...	1	
Ropes, head, cotton	1	1	...	...	
Saddles, drivers	1	...	...	...	
iron-arch† luggage	...	1	...	...	
Straps carrying pairs...	...	...	1	1	
Straps collar pad‖	...	...	...	...	
Straps hame	...	...	1	1	
Straps neck	...	...	...	...	These are included in "collars, breast."
Straps girth	...	4	...	...	
Straps wither, 1-in.	1	1	...	...	
Traces, consisting of— Leather piece ... Chain ... ... Hame attachment ... ... pairs Hook ... ... Rope	...	...	1	1	The hame attachment is only required with the neck collar.
Tugs, back band, 1¾-in....	...	2	...	...	
Wallet drivers ... ... pairs	1	...	...	...	
Wallet luggage... ... ... ,,	...	1	...	...	
Whips, drivers	1	...	...	...	Issued with every double set of harness.
Woolwich Store Charge (6).					
Bits, bridoon	1*	1*	...	...	
Irons, stirrup	2	...	...	...	
51 **Leathers,** stirrup	2	...	...	...	
A.S.C. **Numnahs**	1	1	...	...	
2112 **Reins,** bridoon, patt. '84	1*	1*	...	...	
Runners, stirrup, leather	2	...	...	...	
Straps cloak and wallet	2	2	...	...	
Straps cloak, centre	1	...	...	...	
Straps, baggage	...	3	...	...	
Surcingles, leather, harness	1	1†	...	...	

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* When reversible portmouth bits are issued, neither bridoons nor bridoon reins will be required.

† When Transport saddles are issued, or Royal Artillery wood-arch, old pattern, one surcingle for the near set only will be required. ‡ One per neck collar.

§ Blankets will be issued when stock of pannels is exhausted. ‖ Two per pad.

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Parts of Harness and Saddlery, and Miscellaneous and Equitation Articles.

TABLE 11.	Aldershot.	Woolwich.	Dublin.	Curragh.	Per Mounted Company. Service.	Per Mounted Company. Depôt.	Remarks.
SADDLERY, OFFICERS.							
Woolwich Store Charge (5).							
Bits, portmouth, Hooks, curb ... ... near	...	...	...	...	1	1	Spare.
Bits, portmouth, Hooks, curb ... ... off ...	...	...	...	...	1	1	Spare.
HARNESS AND SADDLERY.							
Woolwich Store Charge (5).							
Bits portmouth, Mark I., harness	...	...	...	...	2	4	Spare.
Breechings, straps (set of 3) ...	...	...	...	...	13	25	
Traces, Hooks	...	...	...	...	2	3	
Bridles mouthing Bits ...	3	2	2	2	...	...	
Bridles mouthing Heads, bridle	3	2	2	2	...	...	
Bridles mouthing Reins ...	3	2	2	2	...	...	
Bridles snaffle	3	2	2	2	...	...	
Cavisons	3	2	2	2	...	...	
,, Cords	3	2	2	2	...	...	
Couples, trace	...	...	...	...	6	12	
Crosstrees, complete	3	2	2	2	...	...	
,, Reins, running ...	3	2	2	2	...	...	
Rings, clip	...	...	...	...	26	50	Will be attached to the hames by the corps, when required. *See* Table 1.
Rollers, breaking	2	1	1	1	...	...	
Straps back	...	...	...	...	13	25	
Straps kicking	...	...	...	...	1	1	
Whips driving	...	...	...	...	13	25	
Whips hand	3	2	2	2	1	1	
Whips longeing	3	2	2	2	...	...	
Woolwich Store Charge (6).							
Bits bridoon	..	..	...	...	3	6	Spare.
Bits portmouth, Mark I. saddlery ...	...	...	...	...	1	1	Spare.
Bits portmouth, Mark I. chains, curb	...	...	...	...	3	6	Spare.
Bits portmouth, Mark I. hooks, curb	...	...	...	...	5	9	Spare.

54
A.S. Corps
2113

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A.O. 92, 1893.

Materials for repair of Harness specified in Table 10 (N.P.).

TABLE 12.

			12 months supply per company. Service.	Depôt.	Remarks.
	Woolwich Store Charge (5).				
Saddletrees	flaps	drivers ... ... pairs	...	...	As required quarterly.
		luggage ... ... ,,	...	...	
		officers ... ... ,,	...	...	
	seats	iron-arch drivers	...	...	
		iron-arch luggage	...	...	
		wood-arch officers	...	...	
		wood-arch drivers (also universal)	...	...	
	Woolwich Store Charge (6).				
Basils, brown		strained	½	1	
		unstrained...	10	20	
Bosses		breastplate	1	1	
		head collar, officers	1	1	
Buckles	brass, roller	double 1⅛-in.	1	1	
		double 1 ,, ...	1	1	
		double ⅞ ,, ...	1	1	
		double ¾ ,, ...	5	8	
		double ⅝ ,, ...	1	1	
		single, 1-in.	1	2	If required.
	iron, roller	barred, 1¼-in., curved ...	3	6	
		double 1¼-in., head collar	1	2	
		double 1 ,, ...	1	2	
		double ⅞ ,, ...	1	1	
		single ... 1¾ ,, bow leg ...	2	4	
		single ... 1¾ ,, straight leg	2	4	
		single ... 1¼ ,, girth ...	4	8	Or 1 inch for new pattern girth.
		¾ ,, ...	3	6	
		⅝ ,, ...	2	4	
	iron, tinned, inlet,	1⅛-in.	4	8	
		⅝ ,, †	...	...	
Burrs, copper...		... ...	...	...	For boss breastplate as required.
Cantles, brass		drivers	...	...	Not required for iron-arch saddles.
		luggage	...	...	
Cord		cotton (for loops of drivers whips) yds.	8	16	
		whip ... ... lbs.	2	4	
Facings, lambskin		... ...	1	1	
Felt, brown, 43 in. wide		... ... yds.	$\frac{3}{16}$	[illegible]	
Felt Cuttings*		... ... lbs.	$2\frac{13}{16}$	$5\frac{5}{8}$	
Flock		... ... ,,	1	2	
Hair		cow‡ ... ... ,,	...	...	
		horse, saddlery‡ ... ... ,,	...	...	
Hides	brown	backs bridle	½	1	
		backs collar	2	4	
		backs heavy	1¼	2½	
		cloak	½	1	
		horse	⅛	¼	

* When cuttings are not available, felt in the piece will be issued in the proportion of 1 yard felt to 5 lbs. cuttings.

† 5 per cent. of numnah pannels on charge.

‡ Only when hair pannels are used at the rate of 7 lbs. for 25 pairs.

54 / 3 Hussars / 819

...

...

54 / Cav.Gen.No. / 809

7323 / 449

54 / Gen. No. / 5415

7323 / 449

54 / Gen. No. / 5813

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Materials for Repair of Harness specified in Table 10 (N.P.)—*continued.*

A.O. 92, 1893.

TABLE 12—*continued.*

	12 months supply per company. Service.	Depôt.	Remarks.
Woolwich Store Charge (6)—continued.			
Linen, brown ... ... yds.	½	1	
Nails, brass	2	4	
Pins, cantle, brass	2	4	
Rings, brass 1½-in.	1	1	
Rings, brass 1¼ ,, ...	1	1	
Rings, iron, 1¾-in., slight	1	2	
Saddletrees: arches, iron, drivers, front	1	2	
arches, iron, drivers, hind	1	2	
arches, iron, luggage, front	1	2	
arches, iron, luggage, hind	1	2	
arches, iron, universal, front	1	2	
arches, iron, universal, hind	1	2	
bars, side shaped, drivers, near... ...	1	2	
bars, side shaped, drivers, off	1	2	
bars, side shaped, luggage, near... ...	1	2	
bars, side shaped, luggage, off	1	2	
bars, side shaped, universal, near... ...	1	2	
bars, side shaped, universal, off	1	2	
burrs, brass	1	2	
cantles	...	...	As required quarterly.
cases, cloak	1	1	
dees...	5	10	
flaps, universal ... ... pairs	...	...	As required quarterly.
plates, crupper, brass	...	...	
plates, for dees, luggage	2	4	
plates, for dees, universal	2	4	
plates, front, brass	...	...	As required quarterly.
plates, front, iron, universal	1	1	
plates, gullet, universal	1	1	
plates, top, brass	...	...	
plates, top, iron, universal	1	1	
plates, with dees, drivers	2	3	
plates, with dees, luggage	2	3	
rivets, copper, long...	6	12	
rivets, copper, short	8	16	
rivets, iron, 2 in.	8	16	
screws, brass, fine	4	8	
seats, iron or steel-arch, universal	...	...	As required quarterly.
staples, cloak and wallet, universal, N.P.	1	2	
staples, crupper, brass	...	...	As required quarterly.
staples, flank, drivers and luggage ...	2	4	
staples, front, brass	1	1	
staples, girth	3	6	
troughs, back band	1	1	
washers	1	2	
Serge, collarmakers*... ... ... yds.	...	...	
Skins, lamb	...	...	As required quarterly.
Skins, sheep	1½	3	

* Hair Pannels only, 2½ yards for 25 saddles.

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Materials for Repair of Harness specified in Table 10 (N.P.)—*continued.*

TABLE 12—*continued.*

	12 months supply per company. Service.	Depôt.	Remarks.
Woolwich Store Charge (6)—con inued.			
Squares brass	1	1	
Squares iron	1	1	
Studs, wallet	4	8	
Thread black, 3-cord ... ... lbs.	¼	½	
Thread flax, fine ... ... ,,	3½	7	
Thread whited-brown ... ... ,,	½	1	
Twine, quilting ... ... ,,	1	2	
Web diaper, 2-in. ... ... yds.	2½	5	
Web hemp, 3½ ,, ... ,,	5	10	If in possession of web girth.
Web straining ... ... ,,	3	6	
Web worsted, blue, 3¼-in. ... ... ,,	3	6	
Woolwich Store Charge (8).			
Paper, glass ... ... quires	½	1	
Pencils, carpenters	1	2	
Wire copper, No. 7 W.G., hard ... ... lbs.	¼	½	
Wire iron... ,, 1 ,, ,, ... ,,	¼	½	
Wire iron... ,, 4 ,, ,, ... ,,	½	1	
Woolwich Store Charge (9).			
Iron, wrought, flat, ¾-in. by ¼-in.... ... lbs.	1	2	
Spelter, brass ... ... ,,	¼	½	
Woolwich Store Charge (10).			
Nails, steel clout, wrought, flathead, fine, No. 90 ... ... lbs.	2	4	
Nails, steel tacks, cut, No. 197 ... ... ,,	¾	1½	
Screws brass, ⅝-in., gauge No. 13	2	4	
Screws iron flathead 1¾-in., gauge No. 14 ...	2	4	
Screws iron flathead 1¼ ,, ,, ,, 13 ...	2	4	
Screws iron flathead ¾ ,, ,, ,, 10 ..	2	4	
Screws iron flathead ⅝ ,, ,, ,, 9 ...	12	24	
Woolwich Store Charge (11).			
Borax, refined ... ... lbs.	⅛	¼	
Oil, rape ... ... galls.	12⅔	23	
Soap yellow ... ... bars	113⅓	203⅓	
Soap soft ... ... lbs.	204	366	

57 Dover 2929

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Materials for Repair of Harness specified in Table 10 (N.P.)—*continued.*

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TABLE 12—*continued.*	12 months supply per company. Service.	Depot.	Remarks.
Woolwich Store Charge (11)—continued.			
Wax { bees ... ... lbs.	½	1	
Wax { black ... ... ,,	2	4	
Woolwich Store Charge (18).			
Twine, packing, small ... ... lbs.	3/16	1½	
Not in Vocabulary.			
Dees, iron tinned, 2½-in.	1	1	
Cordage, hemp, white, Italian, 1¾-in., 3 strand fms.	12	24	
MISCELLANEOUS STORES.			
Woolwich Store Charge (11).			
Dubbing ... ... lbs.	17	30½	
Ink, marking .. .. pints	½	1	
Oil, linseed, raw * ... ... ,,	½	½	
Varnish, spirit, shellac * ... ... ,,	½	1	
Not in Vocabulary.			
Linen, old { for cleaning ... ... lbs.	25	50	
Linen, old { for repair of nosebags ... ,,	2	4	
SPECIAL TO ARMY SERVICE CORPS HARNESS.			
Woolwich Store Charge (5).			
Rings, trace hook†	100	100	54 A.S.C. 2302
Woolwich Store Charge (6).			
Buckles, nickel { roller { double, 1-in.	1	2	54 A.S.C. 2218
Buckles, nickel { roller { single { 1¼-in.	1	2	
Buckles, nickel { roller { single { ¾ ,, ...	6	4	
Buckles, nickel { single { 1¼-in.	1	2	
Buckles, nickel { single { 1¼ ,, ...	1	2	
Buckles, nickel { single { 1 ,, ...	2	4	
Buckles, nickel { single { ⅞ ,, ...	2	4	
Dees, nickel, 1½-in.	1	1	38407 Equip. 1503
Links, nickel, 1½-in	1	2	

* For side bars newly put into saddletrees.
† To be kept in water until required for use.

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A.O. 92, 1893.

Materials for Repair of Harness specified in Table 10 (N.P.)—*continued.*

TABLE 12.—*continued.*	12 months supply per company. Service.	Depôt.	Remarks.
Woolwich Store Charge (6)—continued.			
Rings, nickel 1⅜-in.	1	1	
1⅝ ,, ...	1	1	
1½ ,, ...	1	1	
Squares, nickel, 1¾-in. by 1¼-in	1	1	
Not in Vocabulary.			
Chains, iron, 18-in.	*	*	
Dees. iron, 1¾-in. by 2⅛-in.	1	1	
Hooks, steel, sliding, N.P.	*	*	
38407 Equip. 1503 **Links** iron ... double eye ... ... / swivel / with hook	*	*	
Links nickel, double crupper	1	2	
Screws, nickel...	1	2	
Squares, iron, trace, 1⅝-in.	*	*	

Materials for Repair of Harness and Saddlery (O.P.).

(The quantities allowed in this Table are not to be drawn in addition to those specified in Table 12.)

TABLE 13.	12 months supply per Company. Service.	Depôt.
HARNESS AND SADDLERY.		
Woolwich Store Charge (5).		
Cases, cloak, drivers	1	1
Saddletrees flaps drivers ... ... / luggage ... ... / officers	As required quarterly.	
Saddletrees seats, iron-arch drivers ... ... / luggage	As required quarterly.	
Saddletrees seats, wood-arch drivers (also universal) ... ... / luggage ... ... / officers	As required quarterly.	
Traces, chains, wheel	1	
Woolwich Store Charge (6).		
Basils, brown strained	½	1
Basils, brown unstrained	10	20
Bosses bit	4	5
Bosses breastplate...	1	1
Bosses head collar, officers	1	

Articles marked thus (*) should be treated as "spare articles" and so accounted for, they would be rarely required, and should not be treated as materials for repairs.

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Materials for Repair of Harness and Saddlery (O.P.)—*continued.*

A.O. 92, 1893.

TABLE 13—*continued.*

				12 months supply per Company. Service.	Depôt.	
Woolwich Store Charge (6)—continued.						
Buckles	brass, roller	double	1⅛-in.	1	1	
			1 ,,	1	1	
			⅞ ,,	1	1	
			¾ ,,	5	8	
			⅝ ,,	1	1	54
		single, 1-in.		1	2	3 Hussars
	iron, roller	barred, 1¼-in., curved		3	6	819
		double	1¼-in.	3	6	
			1 ,,	4	8	
			⅞ ,,	4	5	
		single	2 ,,	2	4	
			1¾ ,, bow leg	2	4	
			1½ ,, straight leg	2	4	...
			1½ ,,	3	6	...
			1¼ ,,	4	8	
			1 ,, short leg	6	12	
			1 ,, barred	4	8	
			⅞ ,,	6	12	
			¾ ,,	12	24	
			⅝ ,,	4	8	
	iron, tinned	roller	¾ ,,	4	8	
			⅝ ,,	4	6	
		inlet	1⅛ ,,	4	6	
			¾ ,,	4	8	
			⅝ ,,†	...	...	
Burrs, copper				4	8	
Cantles, brass	drivers			1	1	
	luggage			1	1	
Cord	cotton (for loops of drivers whips)			8 yds.	15	
	whip			2 lbs.	4	
Facings, lambskin, transport				1	1	
Felt, brown, 43 inches wide*				$\frac{3}{16}$ yds.	$\frac{3}{8}$	
Felt, cuttings*				$21\frac{3}{16}$ lbs	$58\frac{3}{8}$	
Flock				1 ,,	2	
Hair	cow§			... ,,	...	
	horse, saddlery§			... ,,	...	
Hides	backs	bridle		½	1	
		collar		2	4	
		heavy		1½	2½	54
	cloak			⅓	⅔	Gen. No.
	horse†			$\frac{3}{16}$	⅛	5415
Linen, brown				½ yds.	1	
Nails, brass				2	4	
Pins, cantle	brass			2	4	
	iron, tinned			4	8	
Rings	brass		1½-in.	1	1	54
			1¼ ,,	1	1	Cav.Gen.No.
	iron		1¾ ,, slight	4	8	865
			1 ,,	2	4	
			snipe bill	8	16	
Saddletrees	arches	drivers	front	1	2	
			hind	1	2	
		luggage	front	1	2	
			hind	1	2	
		universal	front	1	2	
			hind	1	2	
	oars, side, shaped, drivers		near	1	2	
			off	1	2	7323

* When cuttings are not available, felt in the piece will be issued in proportion of 1 yard felt to 5 lbs. cuttings.

† Repair of whips, &c.

‡ 5 per cent. of Numnah pannels in possession.

§ Only when hair pannels are used—at the rate of 7 lbs. for 25 pairs.

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Materials for Repair of Harness and Saddlery (O.P.)—*continued.*

A.O. 92, 1893.

TABLE 13—*continued.*

	12 months supply per Company. Service.	Depôt.
Woolwich Store Charge (6)—continued.		
Saddletrees — bars, side, shaped — luggage — near	1	2
bars, side, shaped — luggage — off	1	2
bars, side, shaped — universal — near	1	2
bars, side, shaped — universal — off	1	2
burrs, brass	1	2
cantles	*a*	*a*
cases, cloak	1	1
dees	5	10
flaps, universal	*a*	*a*
plates — crupper, iron	1	2
plates — for dees — luggage	2	4
plates — for dees — universal	2	4
plates — front — brass	*a*	*a*
plates — front — iron, universal	1	1
plates — gullet, universal	1	1
plates — top — brass	*a*	*a*
plates — top — iron, universal	1	1
plates — with dees — drivers	2	3
plates — with dees — luggage	2	3
rings — drivers	2	4
rings — luggage	2	4
rivets — copper — long	6	12
rivets — copper — short	8	16
rivets — iron, 2-inch	8	16
screws, brass, fine	4	8
seats — iron or steel-arch, universal; wood-arch	*a*	*a*
staples — cloak and wallet, universal, N.P.	1	2
staples — crupper, brass	*a*	*a*
staples — flank, N.P., luggage	2	4
staples — ,, drivers and luggage	2	4
staples — front — brass	1	1
staples — front — iron, drivers	2	4
staples — girth	3	6
troughs, back band	1	1
washers	1	2
Serge, collarmakers*	...	...
Skins — lamb	*a*	*a*
Skins — sheep	1½	3
Squares — brass	1	1
Squares — iron	1	2
Studs — breastplate, pattern '84	2	2
Studs — wallet	8	16
Studs — frog, sword, saddle	2	3
Thread — black, 3-cord (lbs.)	¼	½
Thread — flax fine (,,)	3½	7
Thread — whited brown (,,)	½	1
Twine, quilting (,,)	1	2
Web — diaper, 2-inch (yds.)	2½	3
Web — hemp, 3½ ,, † (,,)	5	10
Web — straining (,,)	1½	6
Web — worsted, blue, 3¼-inch (,,)	3	6

54
6 Dragoons.
628
54
Gen. No.
4841

a As required quarterly. * Hair pannels only 2¼ yds. for 25 saddles.
† If in possession of web girths.

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Materials for Repair of Harness and Saddlery (O.P.)—*continued.*

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TABLE 13—*continued.*

	12 months supply per Company. Service.	Depôt.
Woolwich Store Charge (8).		
Needles harness	10	15
Needles saddlers' sewing	5	10
Paper, glass ... quires	½	1
Pencils, carpenters	1	2
Wire copper No. 7 W.G., hard ... lbs.	¼	½
Wire iron... ,, 1 ,, hard ,,	¼	½
Wire iron... ,, 4 ,, ,, ,,	½	1
Woolwich Store Charge (9).		
Iron, wrought flat, ¾-in. × ¼-in. ... lbs.	1	2
Iron, wrought round, ⅝-in. ,,	1	2
Spelter, brass ,,	¼	½
Woolwich Store Charge (10).		
Nails, steel clout, wrought, flathead, fine, No. 90 ... lbs.	2	4
Nails, steel tacks, cut No. 197 ,,	¾	1½
Screws brass, ⅝-inch, gauge No. 13	2	4
Screws iron, flathead 1¾-inch, gauge No. 14	2	4
Screws iron, flathead 1¼ ,, ,, ,, 13	2	4
Screws iron, flathead ¾ ,, ,, ,, 10	2	4
Screws iron, flathead ⅝ ,, ,, ,, 9	12	24
Woolwich Store Charge (11).		
Borax, refined ... lbs.	⅛	¼
Glue, best town made ,,	¼	½
Oil, rape ... galls.	12¾	23
Soap soft ... lbs.	204	366
Soap yellow... ... bars	113⅓	203⅓
Wax bees ... lbs.	½	1
Wax black ,,	2	4
Woolwich Store Charge (18).		
Cordage, bolt, white, 3-in. ... fms.	4	8
Twine, packing, small ... lbs.	¾	1½
Canvas, sail, No. 3 (for repairing bottom of nosebags) ... yds.	1	2
Not in Vocabulary.		
Bees, iron tinned, 2¼-in.	1	1
Strips, leather for pipes, trace ... pairs	2	4

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Dover
2929

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Materials for Repair of Harness and Saddlery (C.P.)—*continued.*

TABLE 13—*continued.*	12 months supply per company. Service.	Depôt.
MISCELLANEOUS STORES.		
Woolwich Store Charge (11).		
54 Gen. No. 5128 — **Dubbing** ... ... lbs.	17	30½
Ink, marking ... ... pts.	½	1
Oil, linseed, raw* ... ... ,,	¼	½
Varnish, spirit, shellac* ... ... ,,	½	1
Woolwich Store Charge (26).		
Rivets, fire buckets, ½-in., with washers†	—	—
54 Cav. Gen. No. 865 — *Not in Vocabulary.*		
38407 Equipt. 1663 — **Blankets** old, pieces of ... ... lbs.	1	1
Linen { (for repair of nosebags and corn sacks) ... ... ,,	2	4
Linen { (for cleaning) ... ... ,,	25	50

* For side bars newly put into saddletrees.
† 3 per 10 saddles, iron-arch, drivers, luggage; wood-arch, drivers, N.P.; luggage, N.P. For attaching side rein buckle to saddletree.

Materials for Repair and Preservation of Equitation Articles.

TABLE 14.	Woolwich.	Aldershot.	Dublin.	Curragh.	
HARNESS AND SADDLERY.					
Woolwich Store Charge (5).					
Sponges, G.S.	2	2	2	2	Annual supply.
Woolwich Store Charge (6).					
54 A.S. Corps 2113 — **Cord,** whip ... ... ozs.	4	6	4	4	
Woolwich Store Charge (11).					
Oil, rape ... ... pints	2	3	2	2	
Soap, soft* ... ... lbs.	7	10	7	7	
Not in Vocabulary.					
Linen, old ... ... lbs.	½	¾	½	½	

* ½-bar of yellow soap may be drawn for every ¾-lb. of soft, if preferred.

NOTE.—No other materials than those given in this table are considered necessary, the materials supplied for repairing the Harness and Saddlery generally being sufficient for casual repairs to the Equitation Articles also.

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Cacolets, Litters, and Packsaddlery.

TABLE 15.	No. per set.	Remarks.
Woolwich Store Charge (27).		
Cacolets	2	
,, Boards, foot	2	
,, Cushions	2	
,, Straps { 4 in. × 19 in.	2	
,, Straps { 1¼ in. × 48 in.	4	
,, Straps { 1¼ in. × 40 in.	2	
Litters { near	1	
Litters { off	1	
Litters { Aprons { near	1	
Litters { Aprons { off	1	
Litters { Covers	1	
Litters { Straps { 1½ in. × 60 in.	2	
Litters { Straps { 1½ in. × 30 in.	1	
PACKSADDLERY.		
HARNESS AND SADDLERY.		
Woolwich Store Charge (5).		
Chains, collar	1	
PACKSADDLERY, G.S.		
Woolwich Store Charge (27).		
Bits, bridoon	1	
Breechings	1	
Chains, collar	1	
Collars { breast	1	
Collars { head	1	
Covers, 6 ft. by 6 ft., G.S.	1	
Cruppers, large	1	
Girths ... ...pairs	1	
Pannels, large ... ... ,,	1	
Reins, bridoon	1	
Ropes, Mark III. ... ...pairs	*2	40116
Seats	†1	4275*a*
Straps, baggage ... ... pairs	2	40116
Straps, girth, large	†4	4275*a*
Surcingles	1	
Trees, large	1	

* Not required with Mark II.

† With Mark III. no "seats" are required, and the "straps, girth," although ued are not charged separately, being part of the "tree."

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Stable Necessaries.

TABLE 16.	General Proportions.
Woolwich Store Charge (5).	
HARNESS AND SADDLERY.	
Bags, nose, G.S.	1 per horse.
Brushes { harness, hard	1 per double set of harness.
Brushes { horse	1 per horse. Supplied yearly on 1st April.
Combs, curry	
Pickers, hoof	1 per N.C. officer and man with mounted kit.
Scissors, trimming ... ... pairs	1 per riding horse every 5 years, and 1 per pair of draught horses every 3 years.
Sponges, G.S.	1 per riding horse, and 2 per draught horse. Supplied yearly on 1st April.

Tools, Artificers, and Opening Packages.

TABLE 17.	Per Company.			Station Staff.	
		Depot.			
	Service.	Dismounted.	Mounted.	Aldershot.	Woolwich.
Woolwich Store Charge (7).					
Chests { stocks and dies, Whitworth thread, $1\frac{1}{8}$ inch to $\frac{1}{4}$ inch, filled	1	...	1	...	...
Chests { tool, filled* { No. 3 C	1	...	2	1	1
Chests { tool, filled* { No. 5 A	1	...	2	1	1
Chests { tool, filled* { No. 11 A	1	...	1	...	...
Cans, paint	2	...	4	2	2
Chisels, ripping	1	1	1	...	...
Drivers, screw, G. S., 9-inch	1	1	1	...	...
Hammers, riveting, 24 oz.	1	1	1	...	...
Woolwich Store Charge (8).					
Knives { laboratory	1	1	1	...	...
Knives { palette	2	...	2	1	1
Knives { putty	2	...	2	1	1
Woolwich Store Charge (15).					
Plates, stencil, brass (figures and letters)... ... ... sets	2	...	2	1	1
Woolwich Store Charge (25).					
Brushes, paint† { ground 000	2	...	2	1	1
Brushes, paint† { unground 000	2	...	2	1	1
Brushes, paint† { sash tool { No. 2	4	...	4	2	2
Brushes, paint† { sash tool { No. 4	2	...	2	1	1
Brushes, paint† { sash tool { No. 6	2	...	2	1	1

* For details of contents of chests, see Appendix V., Part 1.
† To last 3 years.

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TABLE 17—*continued.*	Per Company. Service.	Per Company. Depot.	Station. Staff. Aldershot.	Station. Staff. Woolwich.
Shoeing Tools.				
Woolwich Store Charge (1).				
Wallets, farriers ‡	3	3	...	...
Woolwich Store Charge (7).				
Aprons, basil, white	6	6	...	...
Buffers, farriers	3	3	...	...
Chest, tool, empty, No. 5	1	1	...	...
Hammers, farriers, shoeing	3	3	...	...
Woolwich Store Charge (8).				
Knives, drawing, farriers	3	3	...	...
Knives, searching, farriers	3	3	4	3
Pincers, farriers, pairs	3	3	...	...
Rasps, farriers, 16-inch	6	6	...	...
Stones, rag	6	3	...	...

Branding Irons, Stencil Brushes and Plates, and Stamps.

TABLE 18.	Per Company. Service.	Per Company. Depôt. Dismounted.	Per Company. Depôt. Mounted.	Station Staff. Woolwich.	Station Staff. Aldershot.	Station Staff. Dublin.	Station Staff. Curragh.
Woolwich Store Charge (25).							
Brushes, stencil*	2†	2	...	...	...	...	...
Irons, branding — figures, 0to 8, $\frac{5}{8}$-in. ... sets	1	...	2	2	2	1	1
Irons, branding — letters, 3 letter, $\frac{5}{8}$-in. (A.S.C.) ...	1	...	2	2	2	1	1
Plates, stencil, paper*	2†	2	...	...	...	...	...
Stamps — copper, inlaid — figures, 0 to 8, $\frac{1}{2}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps — copper, inlaid — letters, 3 letter, $\frac{1}{2}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
Stamps — steel, for metal — figures, 0 to 8, $\frac{3}{8}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps — steel, for metal — letters, 3 letter, $\frac{3}{8}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
Stamps — steel, for metal — figures, 0 to 8, $\frac{3}{16}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps — steel, for metal — letters, 3 letter, $\frac{3}{16}$-in. (A.S.C.) sets	1	3	2	1	1	...	...
Stamps — steel, for wood — figures, 0 to 8, $\frac{3}{16}$-in. ... sets	1	3	2	1	1	...	...
Stamps — steel, for wood — letters, 3 letter, $\frac{3}{16}$-in. (A.S.C.) ...	1	3	2	1	1	...	...

54
20 Hussars
302

* Marking valises. † Supply companies only.
‡ To be replaced by bags (tool), farriers, when worn out.

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Materials for repair of Carriages.

TABLE 10. Description.	12 months supply per Company. Service.	Depôt.
Woolwich Store Charge (4).		
Staples lashing, common	6	9
Staples round crowned, small	4	6
Woolwich Store Charge (5).		
Buckles, strap 1-inch	20	32
Buckles, strap $\frac{3}{4}$,, ...	16	24
Woolwich Store Charge (18).		
Canvas, 36-inch ... ... yards	10	15
WHEELERS AND CARRIAGE SMITHS.		
Woolwich Store Charge (4).		
Boxes, pipe wheel, 3rd class B, metal nave	1	1
Hooks, lashing	2	4
Hoops, bale, rough, $11\frac{1}{6}$ ft.	1	2
Shafts ... No. 97	1	1
Shafts ... ,, 98	..	1
Soles, drag shoe, No. 15	8	12
Woolwich Store Charge (9).		
Iron, wrought, flat... $2\frac{1}{2}$-inch × $\frac{5}{8}$-inch ... ... lbs.	9	14
Iron, wrought, flat... 2 ,, × $\frac{1}{2}$,, ... ,,	9	14
Iron, wrought, flat... 2 ,, × $\frac{1}{4}$,, ... ,,	10	16
Iron, wrought, flat... $1\frac{3}{4}$,, × $\frac{1}{2}$,, ... ,,	10	16
Iron, wrought, flat... $1\frac{1}{2}$,, × $\frac{3}{8}$,, ... ,,	10	16
Iron, wrought, flat... $1\frac{1}{4}$,, × $\frac{5}{8}$,, ... ,,	8	12
Iron, wrought, flat... $1\frac{1}{4}$,, × $\frac{1}{4}$,, ... ,,	6	8
Iron, wrought, flat... 1 ,, × $\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, flat... 1 ,, × $\frac{3}{8}$,, ... ,,	6	8
Iron, wrought, flat... $\frac{3}{4}$,, × $\frac{1}{4}$,, ... ,,	5	7
Iron, wrought, hoop, $1\frac{1}{4}$,, × 17 ,, W.G. ... ... ,,	8	12
Iron, wrought, round $1\frac{1}{4}$-in. ... ... ,,	8	12
Iron, wrought, round $\frac{7}{8}$,, ... ,,	8	12
Iron, wrought, round $\frac{5}{8}$,, ... ,,	10	16
Iron, wrought, round $\frac{1}{2}$,, ... ,,	10	16
Iron, wrought, round $\frac{3}{8}$,, ... ,,	9	14
Iron, wrought, round $\frac{1}{4}$,, ... ,,	9	14
Iron, wrought, square $1\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, square $\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, square $\frac{3}{8}$,, (or rod nail) ... ... ,,	8	12
Steel, cast, square, 1-in. ... ... ,,	3	5
Woolwich Store Charge (10).		
Nails, steel ... brad, wrought, No. 26 ... ... lbs	$\frac{1}{2}$	$\frac{1}{2}$
Nails, steel ... clasp, wrought, fine No. 71 ... ... ,,	3	4
Nails, steel ... clasp, wrought, fine ,, 72 ... ... ,,	3	5
Nails, steel ... clasp, wrought, strong ,, 80 ... ... ,,	4	6
Nails, steel ... clout, wrought, countersink head, No. 103 ,,	1	$1\frac{1}{2}$
Nails, steel ... clout, wrought, countersink head, ,, 104 ,,	1	$1\frac{1}{2}$
Nails, steel ... clout, wrought, strong ,, 105 ,,	2	3
Nails, steel ... tacks, clout No. 201 ... ... ,,	$\frac{1}{2}$	$\frac{1}{2}$
Nails, steel ... tacks, clout ,, 203 ... ... ,,	$\frac{1}{2}$	$\frac{1}{2}$

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Materials for Repair of Carriages—*continued.*

TABLE 19—*continued.* Description.	12 months supply per Company. Service.	Depôt.
Screws iron, flathead 2-in., gauge No. 22	16	24
1½ ,, ,, ,, 13	32	48
1 ,, ,, ,, 20	24	36
⅞ ,, ,, ,, 12	16	24
¾ ,, ,, ,, 14	14	20
,, ,, ,, 10	24	36
looped No. 1*	1	1
,, 3 flat†	6	10
Woolwich Store Charge (11).		
Chalk, white ... ... lbs.	½	½
Glue, best town made ... ... ,,	1	1½
Grease, Field's .. .. ,,	168	224
Woolwich Store Charge (12).		
Timber deals 9-in. × 3-in. (10 ft.)	1	1
9 ,, ,, 1 ,, (10½ ft.)	6	7
9 ,, ,, ¾ ,, (10½ ft.)	6	7
9 ,, ,, ⅝ ,, (10½ ft.)	1	1
ash, English, scantling in sizes, 10-ft. × 2-in. × 7-in.	1	1
elm ,, ,, ,, 8 ,, ,, 1¼ ,, ,, 12 ,,	1	1
oak, plank, in the inch 10 ft. × 3-in. × 8-in. ...	1	1
10 ,, ,, 2½ ,, ,, 8 ,, ...	2	2
Woolwich Store Charge (13).		
Pins, shaft, No. 30 shaft...	1	1
Straps, securing, 1-in. × 26-in.	4	6
Staples, lashing, with plate, double	2	3
Woolwich Store Charge (15).		
Bolts, with nuts, tire, 3rd class	4	6
Woolwich Store Charge (19).		
Bars ... shaft, No. 96 shaft ... ... pairs	...	...
rough, splinter, wagon, G.S., lock under	1	1
Felloes... No. 147 wheel	1	1
,, 151 ,, ...	1	1
Futchels, wagon, rough, No. 25	1	2
Spokes ... No. 145 wheel	1	2
,, 150 ,, ...	1	2
Not in Vocabulary.		
Steel, blister, flat, 2½-in. × ½-in. ... ... lbs.	3	5

A.O. 58, 1892.

* For converted light supply, and Mark III. ambulance wagons.
† For Mark III. and IV. G.S. wagons.

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Materials for Painting Carriages.

For proportions supplied, see Appendix VII., Part 1.

Stores for Instruction.

TABLE 20.

Articles.	Per Depôt Company at Aldershot.	Woolwich.	Dublin.	Curragh.	Remarks.
Weedon Store Charge.					
Carbines, M.H., artillery, D. P.	100	80	...	...	
Actions, skeleton	...	...	...	...	See paragraph 138, Part 1.
Aim Correctors	...	...	...	...	
Implements, action	...	...	...	...	
Jags, M.H., brass	100	80	...	...	
Woolwich Store Charge (1).					
Belts, waist, buff { cavalry, line, O.R. ...	21*	19*	...	...	* 15 for boys.
Belts, waist, buff { V.E., patt. '82, G.S. ...	100	100†	...	...	† 20 extra for men joining for training.
Bottles, water, enamelled‡	100	80	...	...	
Knots, sword, buff, cavalry, line, O.R. ...	6	4	...	...	
Pouches, ammunition, buff, V.E., patt. '82	100	80	...	...	
Slings, carbine, buff, artillery	100	80	...	...	
Straps, buff, water bottle‡	100	80	...	...	
Woolwich Store Charge (2).					
Pegs, picketing, with hide loop	40	40	...	...	
Ropes { head	40	40	...	...	
Ropes { heel	40	40	...	...	
Tents, complete, circular, single	5	5	...	...	
Woolwich Store Charge (4).					
Carts... { brake	1	1	...	...	
Carts... { water barrel	1	1	...	...	
Carts... { ,, ,, Funnels	1	1	...	...	
Wagons, brake	1	1	...	...	
HARNESS AND SADDLERY.					
Woolwich Store Charge (5).					
Collars { head	30	20	5	5	
Collars { neck	6	6	...	...	Large sizes.

‡ Italian water bottles, and their carriages, will continue in use until stock is issued and worn out.

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Stores for Instruction—*continued.*

TABLE 20—*continued.*

Articles.	Per Depôt Company at Aldershot.	Woolwich.	Dublin.	Curragh.	Remarks.
Woolwich Store Charge (6).					
Bits bridoon	30	20	5	5	
Bits portmouth, Mark I., saddlery, with bridle head and reins	30	20	5	5	
Cruppers, saddlery	30	20	5	5	
Girths, leather	30	20	5	5	
Irons, stirrup, G.S.	60	40	10	0	
Leathers, stirrup	60	40	10	10	
Numnahs, felt	30	20	5	5	
Pannels, iron arch saddles, universal, pairs	60	40	10	10	
Reins, bridoon	30	20	5	5	
Saddles, universal	30	20	5	5	
Surcingles	30	20	5	5	
STABLE NECESSARIES.					
Woolwich Store Charge (5).					
Brushes, horse	20	20	...	...	
Combs, curry	20	20	...	...	
Sponges, G.S.	20	20	...	...	
HARNESS, BRAKE, DOUBLE.					
Woolwich Store Charge (5).					
Lead ... ... double sets	1	1	...	...	With brass mounts.
Wheel... ... ... ,,	1	1	...	...	With brass mounts.
HARNESS, BRAKE, SINGLE.					
Woolwich Store Charge (5).					
Breechings	1	1	...	...	
Collars head	1	1	...	...	
Collars neck	1	1	...	...	
Hames, brass ... ... pairs	1	1	...	...	
Harness and Saddlery Bands, back, $1\frac{3}{4}$-inch	1	1	...	...	
Harness and Saddlery Bits, portmouth, Mark I., harness, with bridle head	1	1	...	...	
Harness and Saddlery Girths, leather	1	1	...	...	
Harness and Saddlery Pannels, wood arch saddles, O.P., luggage, transport ... pairs	1	1	...	...	
Harness and Saddlery Tugs, back band, $1\frac{3}{4}$-inch	2	2	...	...	
Pads, chaise...	1	1	...	...	With brass fittings.
Reins bearing	1	1	...	...	
Reins driving	1	1	...	...	
Straps, hame	1	1	...	...	
Traces, leather	1	1	...	...	
Weedon Store Charge.					
Scabbards, sword*	6	4	...	...	
Swords, practice, mounted corps	6	4	...	...	

* Of the pattern most suitable for the practice swords supplied.

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Veterinary Stores.

(*Referred to in paragraph* 264, *Part* 1.)

57
Dublin
4970

TABLE 21.	Per Company Six months supply.
Woolwich Store Charge (2).	
Blankets, horse, brown	2
Pads, surcingle...	2 } Not required with Mark II.
Surcingles, web, cavalry	2 } horse blanket.

TABLE 22. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
204	Regimental Equipment	Account ledger.
281 } 283 }	Regimental Repair	Daily work book. Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
P 1900	Accoutrements, amounts received for repair of.	Certificate.
G 1037	Materials for repair of harness, saddlery, and saddletrees...	Requisition.
G 968 } G 973 }	Camp Equipment	Requisition. Account (*temporary use*).
G 979	Materials for repairing carriages ...	Requisition.
G 997 } G 1033 } P 1925 }	General equipment (*blank*) ...	Requisition. Receipt and issue voucher. Expense voucher.
G 1027	General equipment materials for repair (*blank*)	Requisition.
G 815	Ammunition, small-arm ...	
G 1047	Artificers tools, mounted services ...	Requisition.
G 980 } F 754 }	Stores	Carriers note. Convoy note.

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6·6-inch R.M.L. Howitzer on Bed and Ground Platform, or on Siege Travelling Carriage. (Land Service.) 1893. Price 1*s*. 6*d*.

6-inch B.L. Marks IV., V., and VI. 1892. Price 2*s*. 6*d*.

0·45-inch Maxim M.-H. Chamber Machine. Mounted on Carriages, Field, Machine Gun, and Parapet Mounting. 1893. Price 6*d*.

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LAW. MILITARY. Manual of. 1894. Price 2*s*. 6*d*. *(Out of print.)*

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RANGE FINDER. Depression. For Elevated Batteries. Handbook for the. Land Service. 1895. Price 6*d*.

RANGE-FINDING. Field. Manual of. For Officers and Non-Commissioned Officers of the Horse and Field Royal Artillery. 1891. Price 1*s*.

BASHFORTH CHRONOGRAPH: Report on Experiments with. (1870.) Price 1*s*. Final do. (1878–80.) Price 2*s*. 3*d*.

SADDLES AND COLLARS. Sore Backs and Sore Shoulders. Second Edition. 1893. Price 1*s*.

SCHOOL OF MUSKETRY AT HYTHE: Report on the In-struction carried on at, and of the Progress of Musketry Instruction in the Army during the Year ending 31st March, 1895. Price 5*s* Reports on the Years 1859 to 1893 can also be had.

SIGNALLING. Manual of Instruction in. *(Under revision.)*

SMALL ARMS AND AMMUNITION. MILITARY. Text Book for. Price 2*s*. 6*d*.

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38407
Equipment
1772

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION I.

INFANTRY DETAILS.

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Capt. O. M. CARTER,
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PART 2.—DETAILS OF EQUIPMENT.

SECTION I.—INFANTRY.

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Arms.

	TABLE 1.	Battalions and Regimental Depôts.
38407 Equip. 1728	*Weedon Store Charge.*	
	Rifles, M.L.M. or M.L.E.	1 per serjeant and rank and file, except band and pioneers. (*For Depôts see note on next page.*)
	SIDE-ARMS AND APPURTENANCES FOR M.L.M. AND M.L.E. RIFLES.	
54 1/43 93	**Bottles**, oil, M.L.M., rifle	1 per rifle } and 5% spare.
	Protectors, front-sight, M.L.M., rifle ...	1 per rifle }
	Pull-throughs	1 per rifle }
	Reflectors, mirror	25 per battalion and 5 per regimental depôt, for examining interior of barrels.
40116 5103	**Rods**, clearing*	1 per M.L.M. rifle.
	Swivels, butt, M.L.M. rifle	8 for machine gun sections. To be handed over with the other machine gun equipment as directed by paragraph 148, Part I.
	Sword-bayonets, pattern 1888	1 per rifle, with 4 spare per battalion and 2 spare per depôt.
	Scabbards, sword-bayonet, pattern 1888 ...	
38407 Equip. 1728	**Tubes, aiming** — M.L.M. rifle...	2 per company.
	brushes, cleaning	
	rods, cleaning	
	Rifles, M.L.M. and M.L.E., Morris tube ...	2 per company for aiming tubes.
	Dirks	1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.
	Scabbards, dirk...	
104 Gen. No. 2532	**Pistols** — Webley	6 per battalion and 1 per regimental depôt† (for instructional purposes).
	„ rods, cleaning, L.S. ...	
54 Gen. No. 6894	**Swords** — buglers'	1 per band corporal, bandsman, and bugler, Rifles.
	drummers'	1 per band corporal, bandsman, drummer, and bugler, line, except Highland regiments.
	pioneers'	1 per serjeant pioneer and pioneers.
54 1/25 43	staff-serjeants' — gilt hilt ...	Line (except Highland, Scottish, and Rifle regiments) ... ... } 1 per Warrant Officer and staff-serjeant.
	staff-serjeants' — Highland regiments ...	Highland and Scottish regiments ... ... }
	staff-serjeants' — iron hilt ...	Rifles ... ... }
	Scabbards, sword — buglers'...	1 per sword.
	drummers'	
	pioneers'	
	staff-serjeants' — Highland regiments Patt. '89 ...	

* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept on regimental charge.

† Three will be allowed for the Guards' Depôt at Caterham.

104 Gen. No. 2532

N.B.—Serjeant majors, band masters, quarter master serjeants, orderly room serjeants, serjeant drummers, serjeant pipers, armourer serjeants, serjeant cooks, serjeant instructors of musketry, canteen-serjeants, band serjeants, and serjeant master tailors are armed and accoutred as staff

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serjeants. The three last-named are included in the establishment of serjeants and have staff appointments, in reduction of three rank and file rifles.

Rifles for Depôts will be of two descriptions :—

A.—*Serviceable Arms*, which are to be kept entirely distinct from those stored for the Army Reserve, will be issued to the Head-Quarters of Regimental Districts (including the Rifle Depôt, Winchester), in the following proportions :—

On account of each Line battalion that belongs to the Regimental District	Any number, not exceeding 60, of rifles of the description that the battalion is armed with.

These rifles will be complete with side-arms, sight-protectors, oil bottles and pull-throughs. 38407 Equipt. 1728

The supply of serviceable arms for the Depôt, West India Regiment, will be according to its requirements, as approved by the General Officer Commanding.

B.—*Drill purpose (D.P.) arms* (but not clearing rods), of which an establishment not exceeding 136 will be supplied on the requisition of the Officer Commanding the Regimental District (including the Rifle Depôt, Winchester), together with such additional number (if available) as the General Officer Commanding may consider necessary, who, however, before sanctioning any considerable increase, will ascertain whether the arms are available.

These arms will be used for the drill of the Depôt and Militia recruits, but not for ball-firing. 38407 Equip. 1728

Serviceable pull-throughs will be supplied for all D.P. rifles. Serviceable oil bottles will also be supplied if desired. Side-arms (unserviceable, if available) will be supplied if desired, except that when the Militia service side-arms are available at the place of training of the Militia recruits, such service side-arms will be used with the D.P. rifles by those recruits, and side-arms will then be drawn for only half of the 136 D.P. rifles.

The number of D.P. arms to be supplied to the Depôt, West India Regiment, will be determined by the General (or other) Officer Commanding.

Military Foot Police.

Arms.

TABLE 2.

Weedon Store Charge.	
Sword-bayonets, M.H. carbine, Mark I. ...	1 per serjeant and rank and file.
Swords, staff-serjeants, gilt hilt	1 per serjeant major.
Scabbards { sword-bayonet, M.H. carbine, Mark I.	1 per serjeant and rank and file.
Scabbards { sword, staff-serjeants, steel	1 per serjeant major.

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Ammunition.

TABLE 3.	Battalions and Regimental Depôts.	
	Service.	Practice.
Woolwich Store Charge 23.		
Cartridges, aiming tube	... ...	According to Section V., Part 1.
Cartridges, small-arm... ball ... ·303 ... ... pistol, Webley	See para. 151, Part 1.	
Cartridges, small-arm... blank, ·303		
Cartridges, small-arm... dummy drill	... ...	800*

A.O. 34 / 1897

* Regimental depôts will be allowed 100.

Articles for Musketry Instruction.

These are supplied in accordance with paragraph 138, Part 1.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1.

Accoutrements.*

TABLE 4.	Battalions and Regimental Depôts.
Woolwich Store Charge 1.	
Aprons, leg	1 per side drum.
Bags, ammunition, canvas	1 per company (*battalions only*).
Belts, waist, warrant officers, G.S.	1 per warrant officer and staff-serjeant.
Bottles, water, enamelled†	1 per warrant officer, non-commissioned officer and man.
Carriages, drum, buff	1 per side drum.
Cases, brown, pistol, L.S.	1 per pistol.
Chapes, waist-belt‡	2 per valise for ranks not wearing pouches.
Frogs ... sword	1 per serjeant pioneer and pioneer.
Frogs ... bayonet, G.S.	1 per colour serjeant, serjeant, and bugler, and band corporal, bandsman, and drummer, except Highland regiments, and 1 per rank and file, except pioneers.
Frogs ... intrenching implements§ ...	1 per implement.
Knots, sword‖	1 per warrant officer and staff serjeant.

54 / Gen. No. / 6947

* Black leather for Rifles and buff for Line.

† For repair of the bottles the following materials will be allowed annually :—

Buff strip ... ... 5 per cent. of bottles in possession, with 2 rivets and washers per strip.

Covers, water bottle, enamelled ... 5 per cent. of bottles in possession.

‡ Not issued with pattern '88 V.E.

§ Or when pickaxes and shovels intrenching are issued :—

Carriages, black or buff { axe, pick, intrenching, shovel, " } 1 per pick or shovel.

‖ Not supplied to Highland regiments.

54 / Cav. / 90

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Accoutrements—*continued.*

TABLE 4—*continued.*

	Battalions and Regimental Depôts.	
		38407 Equip.
Lanyards, pistol	1 per pistol.	1709
Loops, buff, dirk*	1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.	54 Gen. No. 6947
Ornaments, brass, valise — Guards: Coldstream ... ; Grenadier... ... ; Scots ... ... ; Worcestershire Regiment ...	1 per valise as required.	
Pouches, ammunition, brown, pistol, infantry	1 per pistol.	54 Gen. No. 6947
Slings — rifle	1 per rifle.	
Slings — rifle, buff, mounted infantry ...	8 for machine gun sections, in addition to the ordinary pattern sling. To be handed over with the other machine gun equipment, as directed by paragraph 148, Part I.	40116 5103
Straps, water-bottle, dismounted services ...	1 per water-bottle.	
Whistles	1 per serjeant major, colour serjeant, and serjeant.‡	
VALISE EQUIPMENT, PATTERN '88.		
Belts, waist, serjeants and rank and file* ...	1 per colour-serjeant, serjeant, and rank and file, 1 per serjeant pioneer, pioneer, band corporal, bandsman, drummer, bugler, and piper, and in addition 3 spare per battalion and regimental depôt.	
Braces, serjeants and rank and file — left ... ; right	1 pair per valise.	
Pouches, ammunition	2 per serjeant, and rank and file armed with rifles, and 4 spare per battalion and regimental depôt.	
Straps — greatcoat	2 per valise, and 1 per Warrant Officer and staff-serjeant.	
Straps — mess-tin	1 per valise, and 1 per Warrant Officer and staff-serjeant.	
Valises	1 per non-commissioned officer and man, except staff-serjeants.	
VALISE EQUIPMENT, PATTERN '82.		
Belts, waist, serjeants and rank and file* ...	1 per colour-serjeant, serjeant, and rank and file, 1 per serjeant-pioneer, pioneer, band corporal, bandsman, drummer, bugler, and piper, and in addition 3 spare per battalion and regimental depôt.	
Braces, serjeants and rank and file — left ... ; right ...	1 pair per valise.	
Pouches, ammunition	2 per serjeant, and rank and file armed with rifles, and 4 spare per battalion and regimental depôt.	
Straps — great coat and mess tin	2 per man.	
Straps — supporting and mess tin	2 per valise.	
Valises, japanned	1 per non-commissioned officer and man except staff-serjeants.	

* Black waist-belts, and loops for dirks in possession of pipers, will continue in use until worn out.

‡ Not supplied to pioneer serjeant, or lance serjeants.

N.B.—Regimental depôts will have a minimum establishment of 196 sets of accoutrements. Any excess over this number will be issued as the General Officer Commanding may consider necessary.

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Military Foot Police.
Accoutrements, &c.

TABLE 5.

Woolwich Store Charge 1.	
Belts, waist, brown, V.E. patt. '82 ... staff serjeants ...	1 per serjeant major.
Belts, waist, brown, V.E. patt. '82 ... serjeants and rank and file	1 per serjeant and rank and file.
Bottles, water, enamelled†	All ranks.
Frogs, brown, sword-bayonet, land service	1 per serjeant and rank and file.
Knots, sword, brown, infantry	1 per serjeant major.
Straps, water-bottle	One per water-bottle.
Whistles, police	All ranks.
Woolwich Store Charge 25.	
Lanterns, bulls-eye	1 per serjeant.

† For materials for repairs, *see* Table 4.

Articles for Repair of Accoutrements (V.E., Pattern '82).

TABLE 6.

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Store Charge 1.						
Billets, black, pouch, V.E., patt. '82 ...	—	—	18	12	4	2
Billets, black, waist belt, without buckle	—	—	2	2	—	—
Billets, buff, pouch, V.E., patt. '82	18	12	—	—	4	2
Buckles, brass, brace, ring barred	18	12	18	12	4	2
Buckles, brass, frog	2*	2*	18	12	—	—
Buckles, brass, strap, V.E., great coat and mess tin	40	30	40	30	10	5
Buckles, brass, valise and front strap ...	18	12	18	12	4	2
Buckles, brass, waist belt, V.E., patt. '82...	18	12	18	12	4	2
Buckles, iron, valise	36	24	36	24	8	4
Buckles, gilt, waist belt, Infantry† ...	1	1	—	—	—	—
Buckles, silver plated, waist belt†	—	—	1	1	—	—
Buttons, leather, sling, black†	—	—	34	24	—	—
Carriages, waist belt, black, japanned, long† ...	—	—	1	1	—	—
Carriages, waist belt, black, japanned, short† ...	—	—	1	1	—	—
Carriages, waist belt, buff, Infantry ... long† ...	1	1	—	—	—	—
Carriages, waist belt, buff, Infantry ... short† ...	1	1	—	—	—	—

* When in possession of frogs for patt. '88 sword bayonet the supply of buckles will be in the same proportion as issued to rifle regiments.

† Also issued with patt. '88 valise equipment.

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Articles for Repair of Accoutrements—*continued.*

TABLE 6—*continued.*

	12 months supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Store Charge 1—continued.						
Catches, waist belt, brass, V.E. patt. '82	—	—	18	12	4	2
Catches, waist belt, brass, V.E. O.P.	—	—	18	12	—	—
Chapes, valise, patt. '82, black 7½ in. × ¾ in.	40	30	40	30	10	5
Chapes, valise, patt. '82, black 4 ,, × ¾ ,,	36	24	36	24	8	4
Dees, brass, pouch, V.E.	36	24	36	24	8	4
Fronts, frog black†	—	—	16	12	4	2
Fronts, frog buff†	16	12	—	—	4	2
Hooks brass, snake†	—	—	18	12	—	—
Hooks gilt, side, G.S.†	1	1	—	—	—	—
Loops brass valise	18	12	18	12	4	2
Loops brass waist belt, V.E. long	18	12	18	12	4	2
Loops brass waist belt, V.E. triangular	36	24	36	24	8	4
Loops gilt, waist belt, with eye†	1	1	—	—	—	—
Patches, leather pouch black	—	—	36	24	8	4
Patches, leather pouch buff	36	24	—	—	8	4
Patches, leather waist belt black	—	—	36	24	8	4
Patches, leather waist belt buff	36	24	—	—	8	4
Pieces, leather; black, 7½ in. × 2 in. (for sword frog)†	—	—	1	1	—	—
Pieces, leather; black, 5½ ,, × ¾ ,, (for waist belt)	—	—	36	24	8	4
Pieces, leather; black, 4¼ ,, × 1⅛ ,, (for pouch)	—	—	36	24	4	2
Pieces, leather; black, 4 ,, × ¾ ,, (for rifle sling, and great coat and mess tin strap)†	—	—	66	48	10	5
Pieces, leather; black, 2¼ in. × ½ in. (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	—	—	40	30	10	5
Pieces, leather; black, 2¼ in. × ½ in. (for valise)†	40	30	40	30	10	5
Pieces, leather; buff 7½ ,, × 2 ,, (for sword frog)†	1	1	—	—	—	—
Pieces, leather; buff 5½ ,, × ¾ ,, (for rifle sling and waist belt)†	78	54	—	—	14	7
Pieces, leather; buff 4¼ ,, × 1⅛ ,, (for pouch)	36	24	—	—	4	2
Pieces, leather; buff 4¼ ,, × ¾ ,, (for great coat and mess tin strap)	24	18	—	—	4	2
Pieces, leather; buff 3 ,, × ½ ,, (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps)	40	30	—	—	10	5
Safes, waist belt black, V.E., patt. '82	—	—	18	12	4	2
Safes, waist belt buff, infantry, S. and R. and F., patt. '82.	18	12	—	—	4	2
Straps black frogs†	—	—	1	12	—	—
Straps black V.E., patt. '82, valise	18	12	18	12	4	2
Straps buff, frogs, infantry†	18	12	—	—	—	—
Studs, brass, ammunition bag and pouch	33	23	33	23	8	4
Thongs black†	—	—	50	38	—	—
Thongs white†	43	30	—	—	10	5

† Also issued with patt. '88 valise equipment.

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Articles for repair of Accoutrements (Pattern 1888, Valise Equipment).

[N.B.—The articles in Table 6 marked † are also issued.]

TABLE 7.	12 months supply.					
	Battalions.				Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Store Charge 1.						
Billets, pouch, black	...	...	18	12	4	2
Billets, pouch, buff	18	12	...	...	4	2
Buckles, brass, brace, double-barred ...	6	4	6	4	2	1
Buckles, brass, chape, brace, double, 1-in.	18	12	18	12	4	2
Buckles, brass, waist-belt, $1\frac{3}{4}$-in. ...	18	12	18	12	4	2
Buckles, brass, waist-belt, 1-in.	18	12	18	12	4	2
Buckles, brass, waist-belt, $\frac{7}{8}$-in.	9	6	9	6	2	1
Buckles, brass, coat strap, double, $\frac{3}{4}$-in. ...	18	12	18	12	4	2
Buckles, brass, mess-tin, single roller, $\frac{3}{4}$-in.	18	12	18	12	4	2
Buckles, iron, valise, $\frac{3}{4}$-in.	36	24	36	24	8	4
Chapes, valise, black, $7\frac{1}{2}$-in. by $\frac{3}{4}$-in.... ...	40	30	40	30	10	5
Chapes, brace, black	...	...	18	12	4	2
Chapes, brace, buff	18	12	...	...	4	2
Catches, waist-belt, brass, V.E. patt. '82 ...	...	...	18	12	4	2
Loops, brass-wire, brace, $1\frac{3}{8}$-in.	18	12	18	12	4	2
Loops, brass-wire, pouch, $1\frac{1}{8}$-in.	18	12	18	12	4	2
Loops, brass-wire, waist-belt	18	12	18	12	4	2
Loops, leather, pouch, $5\frac{1}{4}$-in. by 1-in., black ...	...	...	36	24	8	4
Loops, leather, pouch, $5\frac{1}{4}$-in. by 1-in., buff ...	36	24	...	...	8	4
Loops, leather, mess-tin strap, $2\frac{1}{2}$-in. by $\frac{5}{8}$-in., black ...	...	...	36	24	8	4
Loops, leather, mess-tin strap, $2\frac{1}{2}$-in. by $\frac{5}{8}$-in., buff ...	36	24	...	..	8	4
Patches, leather, brace, black	...	...	18	12	4	2
Patches, leather, brace, buff	18	12	...	...	4	2
Patches, leather, waistbelt, $1\frac{3}{4}$-in. by $1\frac{3}{4}$-in., black ...	...	...	36	24	8	4
Patches, leather, waistbelt, $1\frac{3}{4}$-in. by $1\frac{3}{4}$-in., buff ...	36	24	...	...	8	4
Patches, leather, pouch, $1\frac{1}{16}$-in. by $1\frac{1}{8}$-in., black ...	...	...	36	24	8	4
Patches, leather, pouch, $1\frac{1}{16}$-in. by $1\frac{1}{8}$-in., buff ...	36	24	...	...	8	4
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 7-in. guage	12	8	12	8	2	1
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 12-in. ,, ...	12	8	12	8	2	1
Rivets, copper tinned, ozs., $\frac{3}{8}$-in. by 10-in. ,, ...	12	8	12	8	2	1
Rivets, copper tinned, ozs., valise, round heads	12	8	12	8	2	1
Runners, leather, waist-belt, black... ...	...	...	36	24	8	4
Runners, leather, waist-belt, buff	36	24	...	...	8	4
Runners, leather, brace, black... ..	...	...	36	24	8	4
Runners, leather, brace, buff	36	24	...	...	8	4
Safes, leather, waist-belt, black...	...	...	18	12	4	2
Safes, leather, waist-belt, buff	18	12	...	...	4	2
Studs, brass, pouch	36	24	36	24	8	4
Straps, pouch, draw, hogskin	18	12	18	12	4	2
Straps, shoulder, black...	...	...	18	12	4	2
Straps, shoulder, buff	18	12	...	...	4	2
Straps, valise, black, 13-in. by $\frac{3}{4}$-in	18	12	18	12	4	2

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Tools and Appointments, Pioneers.

N.B.—These appointments will not be supplied to Regimental Depôts.

TABLE 8.

	Battalions.											
	Sergeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
TOOLS.												
Woolwich Store Charge 1.												
Bars, pinching, 2 feet 10 inches	...	...	1	...	...	...	...	...	...	...	...	1
Saws, hand, 20-inch	...	...	...	...	...	...	...	...	...	1	...	1
Woolwich Store Charge 2.												
Axes hand, 2 lbs.	...	...	...	...	...	...	1	1	1	1	1	5
Axes felling, curved helve	...	1	...	1	...	...	1	...	...	1	1	5
Axes, pick heads, $2\frac{3}{4}$ lbs....	...	1	...	...	1	1	...	1	1	...	...	5
Axes, pick helves, 29 inches	...	1	...	...	1	1	...	1	1	...	...	5
Hooks, bill	...	1	1	1	1	1	...	...	...	...	...	5
Shovels, light cast-steel	...	1	1	1	1	1	1	1	1	...	...	8
TOOLS, SHOEING SMITHS.												
Woolwich Store Charge 7.												
Buffers, farriers ..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Hammers, farriers, shoeing ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Store Charge 8.												
Knives, drawing, farriers..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Pincers, farriers, pairs ... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Pritchels, farriers ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Rasps, farriers, 16-inch ... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Store Charge 10.												
Nails, shoe, horse, No. 8‡... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	10	10
TOOLS, SMALL.												
Woolwich Store Charge 1.												
Augers, screw, common, 1-inch, 17 inches long ...	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Store Charge 7.												
Chisels, hand, cold, $\frac{3}{4}$-inch by 8-inch	1	...	...	...	...	...	...	...	...	...	...	1
Chisels, socket, $1\frac{1}{4}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Files, saw, 3 square, hand, $5\frac{1}{2}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Hammers, claw, 20-oz.	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Store Charge 16.												
Spikes, gun, common	2	2	2	2	2	2	2	2	2	2	2	22
APPOINTMENTS.												
Woolwich Store Charge 1.												
Caps, hand axe, black* *or* brown†	...	...	...	...	...	...	1	1	1	...	1	4
Cases, black ... bill hook	...	1	1	1	1	1	...	...	...	...	...	5
Cases, black ... hand axe and 20-inch saw	...	...	...	...	...	...	...	...	...	1	...	1
Cases black with loops, tools: shoeing, black loops* *or* buff loops† ... No. 1	...	...	...	...	...	...	...	...	...	...	1	1
Cases black with loops, tools: shoeing, black loops* *or* buff loops† ... ,, 2	...	...	...	...	...	...	...	...	...	...	1	1
Cases black with loops, tools: small, black loops* *or* buff loops†	1	...	...	...	...	...	...	...	...	...	...	1
Cases pinching bar, black* *or* buff† butt ...	...	...	1	...	...	...	...	...	...	...	...	1
Cases pinching bar, black* *or* buff† point ...	...	...	1	...	...	...	...	...	...	...	...	1

38407 Equip.

54 Gen. No. 6675

* For rifles. † Except rifles.

‡ Size of shoe for which required to be stated when demanding.

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Appointments, Pioneers—*continued.*

TABLE 8—*continued.*	Battalions.										
	Serjeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
Woolwich Store Charge 1—continued.												
Frogs, black* *or* buff,† hand axe	...	...	...	...	...	...	1	1	1	...	1	4
Pouches. ammunition, brown, pistol, infantry † or black* (for gun spikes)‡	...	1	1	1	1	1	1	1	1	...	...	8
Straps, black* *or* buff,† V.E., O.P., mess tin (for connecting felling axes, picks, and shovels).	...	2	...	2	2	2	2	2	2	...	...	14
Woolwich Store Charge 7.												
Aprons, basil, brown	...	...	...	...	...	...	...	...	...	...	...	28

* For rifles. † Except rifles.

‡ No pouch is issued for the sergeant pioneer, nor for Nos. 9 and 10, as their gun-spikes are carried in pockets on their respective leather cases.

§ For shoeing smiths of battalions which have regimental transport.

Regimental Transport.

(*Referred to in paragraph* 140 *to* 142, *Part* 1.)

The consumable materials in this Table are an annual supply.

TABLE 9.	Per Battalion.	Remarks.
CARTS AND WAGONS.		
Woolwich Store Charge 2.		
Axes felling, curved helve	1	
Axes pick, heads, 6½-lbs.	1	
Axes pick, helves, 34½ inches	1	
Buckets, water, G.S., leather	3	
Hooks bill	1	
Hooks reaping, large	3	
Shovels, universal	1	
Spades, N.P.	1	
Woolwich Store Charge 4.		
Carts, forage	1	
Covers cart, forage	1	
Covers wagon, G. S.	1	
Hoops, bale cart, forage ... ... sets	1	
Hoops, bale wagon, G. S. ... ... ,,	1	
Wagons, G.S., lock under (Mark III. or IV. with pole)	1	
Woolwich Store Charge 8.		
Spanners, McMahon, 9-inch	1	
Woolwich Store Charge 10.		
Jacks, lifting, G.S. (Mark III.)	1	
Woolwich Store Charge 18.		
Cordage, tarred spun yarn, hemp, 3-thread ... lbs.	10	
Lashings, (tarred 1½ inch, 32 feet)	4	

NOTE.- Articles of regimental transport issued to Battalions for use in peace time, also form part of the unit's war equipment. In time of peace, wagons and carts will be turned out fully equipped, with all stores belonging to them, only when they are to be taken on parade, or if special orders are given to that effect.

54
Gen. No.
6553

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TABLE 9—*continued.*	Per Battalion.	Remarks.
HARNESS AND SADDLERY.		
Woolwich Store Charge 5.		
HARNESS AND SADDLERY.		
Harness, transport, wheel { near ... ... sets	1	For details of sets, *see* Table 10. 40116 / 4585
Harness, transport, wheel { off ... ... ,,	2	
Reins, driving ... ... pairs	1	
Rings, clip*	—	
Straps { back†	2	One near and two off.
Straps { breeching, short ... ... sets	1	
Whips, driving	1	
Woolwich Store Charge 6.		
Saddlery, universal, R.A. (with breast piece and front supporting straps and saddlery trace, pair complete.) ... ... sets	1	For details of sets, *see* Table 10.
PACKSADDLERY.		
Woolwich Store Charge 27.		
G.S., Mark III., small ... ... sets	2	For details of sets, *see* Table 10.
SHOEING TOOLS.		
Woolwich Store Charge 7.		
Aprons, basil, brown	1	
Bags, tool, farriers	1	
Buffers, farriers	1	
Hammers, farriers, shoeing	1	
Woolwich Store Charge 8.		
Knives, { drawing, farriers	1	
Knives, { searching ,, ...	1	
Pincers, farriers	1	
Pritchels, farriers	1	
Rasps, farriers, 16-inch...	1	
Stones rag, farriers, Mark I.	1	
Woolwich Store Charge 25.		
Stamps, steel, for metal, $\frac{3}{16}$ inch { figures 0 to 8... sets	1	
Stamps, steel, for metal, $\frac{3}{16}$ inch { letters ... ,,	1	
STABLE NECESSARIES.		
Woolwich Store Charge 5.		
HARNESS AND SADDLERY.		
Bags, nose, G.S.‡...	5	
Brushes { harness, hard	2	
Brushes { horse‡	5	
Combs, curry‡	5	
Pickers, hoof	3	
Sacks, corn, 4-bushel, canvas	1	
Scissors, trimming	3	
Sponges, G.S.‡	5	
CLEANING MATERIALS AND MISCELLANEOUS ARTICLES.		
Woolwich Store Charge 4.		
Pins, linch, 3rd class (spare)	2	
Washers, drag, 3rd class (spare)	2	
Woolwich Store Charge 5.		
Brushes, water, carriage	1	
Pans, oil	1	

* 2 per pair of hames will be issued when required for G.S. hames not already fitted with them. The A.S.C. pattern hames have rein rings. 40116 / 5253

† Not required with A.S.C. pattern harness, as a back pad forms part of the set. It should only be used for long rein driving. 40116 / 4585

‡ Battalion in possession of 3 horses will only be allowed 3 of each of these articles.

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Regimental Transport—*continued.*

TABLE 9—*continued.*		Per Battalion.	Remarks.
Woolwich Store Charge 11.			
Grease, Field's (for wheels)	lbs.	18	
54 **Oil,** rape (for harness, saddlery and packsaddlery)	qts.	$4\frac{1}{2}$	For machine gun allowance, *see* Table 21.
Gen. No. 6839 **Soap,** soft (for harness, saddlery and packsaddlery)	lbs.	25	
,, yellow (for harness, saddlery and packsaddlery)	bars	15	
Dubbing (for harness, saddlery and packsaddlery)	lbs.	$3\frac{1}{2}$	
Woolwich Store Charge 18.			
Ropes, drag, light	pairs	2	For branding army numbers on regimental transport horses
Woolwich Store Charge 25.			
Irons, branding, $\frac{5}{8}$ inch, figures 0 to 8	sets	1	
Board, inventory		2	
Not in Vocabulary.			
Linen, old (for cleaning)	lbs.	2	

Harness, Saddlery, and Packsaddlery.

TABLE 10.	No. per set of: Harness, Transport, Wheel. Near.	Off.	Saddlery, Universal.	Remarks.
HARNESS AND SADDLERY.				
Woolwich Store Charge 5.				
Bands, back, $1\frac{3}{4}$-in.	...	1	...	Harness, A.S.C.
Bits, portmouth, harness, with bridle head, Mark I.	1	1	...	Harness, G.S.
Breechings { near, with long strap ...	1	...	...	
Breechings { off	...	1	...	
38407 **Cases,** horse-shoe, harness	2	2	...	
Equip. **Chains,** hame, Mark I.	1	1	...	
1717 **Collars** ... { head, R.A.*	1	1	1	* When store of previous pattern is exhausted.
40116 **Collars** ... { neck, Mark V.*	1	1	...	
5529 **Couples,** trace	1	1	...	
38407 **Cruppers,** harness	1	1	...	Harness, G.S.
Equip. **Girths,** web	1	1	...	
1717 **Hames** ... ... pairs	1	1	...	
Leggings, drivers	1	...	...	
Pads, collar	1	1	...	
Pannels { drivers† ... ... pairs	1	...	...	
Pannels { luggage† ... ... pairs	...	1	...	
Pieces, buckling, 1-in.	1	1	...	Harness, A.S.C.
Reins { bearing	1	1	...	
Reins { side	...	1	...	
38407 **Ropes,** head, cotton	1	1	1	
Equip. 1740 **Saddles,** { drivers†	1	...	...	
Saddles, { luggage†	...	1	...	
Straps { collar pad	2	2	...	Harness, G.S.
Straps { flank	2	2	...	
Straps { hame	1	1	...	
Straps { hip‡	2	2	...	‡ If crupper is of new pattern.
Straps { wither, 1-in.	1	1	...	
Traces, harness { short ... ... pairs	1	1	...	
Traces, harness { wheel ... ... ,,	1	1	...	
Tugs, back band, $1\frac{3}{4}$-in.	...	2	...	Harness, A.S.C.
Wallets, wood arch saddles ... ... { drivers ... ... pairs	1	...	...	Harness, G.S.
Wallets, wood arch saddles ... ... { luggage ... ,,	...	1	...	
Whips, drivers	1	...	...	

† Wood arch saddles and pannels, O.P., will be issued until store is exhausted.

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Harness, Saddlery, and Packsaddlery—*continued.*

TABLE 10—*continued.*

	No. per set of Harness, Transport. Wheel. Near.	Off.	Saddlery, Universal.	Remarks.
Woolwich Store Charge 6.				
Bits bridoon, patt. 84	1	1	1	
Bits portmouth, Mark I., saddlery, with bridle head and reins*	...	...	1	When store of previous pattern is exhausted.
Blankets, saddle, Mark III.	...	...	1	
Breastpieces	...	...	1	
Cases, horse-shoe, saddlery, patt. '84 ...	...	...	2	38407 Equip. 1709
Cruppers, saddlery	...	...	1	
Girths, patt. '84	...	...	1	
Irons, stirrup, G.S.	2	...	2	
Leathers, stirrup	2	...	2	38407 Equip. 1717
Numnahs, felt	1	1	1	
Protectors, cape...	...	...	1	
Reins, bridoon, patt. '84	1	1	1	
Runners, stirrup, leather, brass	2	...	2	
Saddles, universal	...	...	1	
Skins, sheep, saddlery, patt. '84, hind ...	...	...	1	
Straps baggage	...	3	3	
Straps cloak and wallet	2	2	2	
Straps cloak centre	1	...	1	
Straps supporting front	...	...	2	
Straps supporting rear	...	...	1	
Straps shoecase, patt. '84	...	...	2	
Straps trace	...	...	2	
Surcingles, leather, harness, Mark II. ...	1	...	1	
Traces, saddlery ... ... pairs	...	...	1	
Tugs, trace	...	...	2	
Wallets, iron or steel arch saddles, universal ... ... pairs	...	...	1	

PACKSADDLERY, GENERAL SERVICE.

	No. per set.	
Woolwich Store Charge 27.		
Bits, bridoon	1	
Breechings	1	
Chains, collar	1	
Collars breast	1	
Collars head	1	
Covers, 6 feet by 6 feet, General Service ...	1	
Cruppers	1	
Girths ... ... pairs	1	
Pannels ... ... ,,	1	
Reins, bridoon	1	
Ropes, Mark III. ... ... pairs	2	
Seats†	1	
Straps baggage ... ... pairs	2	When required for ammunition boxes or wicker panniers.
Straps girth†	4	
Surcingles	1	
Trees	1	

* Reversible bits will be issued when stock of saddlery bits is exhausted.

† With Mark III. packsaddle no seats are required, and the "straps girth," although issued, are not charged separately, being part of the "tree."

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Signalling Equipment.

TABLE 11.	Per Battalion.	Remarks.
Woolwich Store Charge 10.		
Locks, pad, iron, small	1	
Woolwich Store Charge 11.		
Oxygen mixture*... ... ... lbs.	104‡	
Methylated spirits* ... ... pints	50‡	
Woolwich Store Charge 25.		
Scissors, lamp	4	Including 2 for limelight apparatus.
Woolwich Store Charge 28.		
Apparatus, limelight*: Bags: gas	4	
Bags: pressure	2	
Bottles, cleansing gas	2	
Can, tin	2	
Cases: brass	2	
Cases: tin	2	
Cylinders, lime pencils	2	
Flasks	2	
Lamps	2	
Pencils ... ... doz.	2	
Retorts, copper	4	
Spanners	1	For each retort.
38407 / Equip. / 1720 — **Cans**, oil, feeding, army signalling	1	
Cases, message book	2	On waist belt.
Cotton, waste ... ... lbs.	3§	
Flags, signal, army††: blue: 3 feet square	4	
blue: 2 ,, ,, ...	4	
white, with stripe: 3 feet square	4	
white, with stripe: 2 ,, ,, ...	4	
Poles: 5 feet 6 inches	10	
Poles: 3 ,, 6 ,, ...	10	
54 / Signallers / 43 — **Flags**, semaphore... ... ... sets	12	
Heliographs, 5-inch (with stand)*	2	
Lamps, bull's eye, signal (with stand)	4	
Pannier, signalling: No. 1	2	
Pannier, signalling: No. 2	2	
Stands, telescope, signalling	2	
54 / Gen. No. / 6919 — **Telescopes**, signalling	2	
Tubing, india rubber, ⅜-inch*... ... ... yards	10	Annual supply.
Wheels, cypher	2	
Woolwich Store Charge 29.		
Keys, dummy, signallers	2	
Not in Vocabulary.		
Cards, test‖	50	
Books, Manual of instruction‖	4	295 A. (*i*) with 2 sheets of carbon paper each.
Message forms‖	600	
Oil, colza† ... ... pints	60§	
Wick†: common* ... ... lb.	2‡	
Wick†: round, 1½-inch... ... ... yards	10§	

* To be returned to store on embarkation of battalion for India.
† Supplied by Army Service Corps. ‡ Twelve months supply.
§ Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion. ‖ Supplied from the War Office on requisition.
†† The proportion of each description of flag may be departed from when local conditions render this course advisable, but the total of 16 per Battalion must not be exceeded.

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Range-finders.

TABLE 12.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Mekometers, cavalry and infantry { left ... ... right ... ... cords and reels ... ... sets }	4	{ 5 yds. of spare cord will be supplied with each set. 57 Art. 5767

Musical Instruments.

TABLE 13.	Battalions.	Regimental Depôts.	Remarks.
Woolwich Store Charge 29.			
Bugles ... ... } **Strings,** bugle, Royal or green* }	8	2†	{ 1 per serjeant bugler and 2 per company in light infantry and rifles.
Cases { drum, brass, large	8	2	
flute { B	6	2	
F	2	...	
piccolo { (E♭)	1	...	
(F)	1	...	
Drums { side, brass, large	8	2	These (except tuning forks and pitch pipes) are not supplied to Light Infantry or Rifles.§
,, sticks ... ... pairs	8	2	
silent‡	4	1	
Flutes { B	6	2	
F	2	...	
Piccolos { E♭	1	...	
F	1	...	
Pitch pipes	1	1	
Tuning forks	1	1	

* Regiments termed "Royal," or designated as "King's," "Queen's," "King's Own," "Queen's Own"; also the Guards, and the Somerset Light Infantry, have *Royal* strings; the remainder, including the Rifles, have *Green* strings.

† Two bugles in addition are allowed to regimental depôts when both battalions are abroad.

‡ The Service drum-sticks are to be used with the silent drums.

§ Nor to regimental depôts composed partly of light infantry. A drum with sticks is allowed to light infantry regimental depôts, and regimental depôts composed partly of light infantry, for beating time in drilling recruits.

Camp Equipment and Intrenching Tools.

Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Part 1.

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Tools, Artificers, and Opening Packages.

TABLE 14.	Battalions.	Regimental Depôts.	Remarks.
Woolwich Store Charge 7.			
Chests, tool, filled* — No. 1 B	2	...	For details of contents of chests, *see* Appendix V., Part 1.
,, 3 B	3	...	
,, 6 B	1	...	
,, 11 D	1	...	
,, 12 C	1	...	
,, 12 D	1	...	
Chisels, ripping	1	1	Opening packages
Drivers, screw, G.S., 9-inch	1	1	
Hammers, fitters, 24-oz.	1	1	
Woolwich Store Charge 8.			
Knives, laboratory	1	1	

* Only issued on the special authority of the Secretary of State, and provided there are qualified tradesmen to use them. *See* paragraph 245, Part 1.

Stencil Brushes and Plates, and Stamps.

TABLE 15.	Battalions.	Regimental Districts.	Remarks.
38407 Equip. 1709 — FOR BLACK ACCOUTREMENTS. *Woolwich Store Charge 25.*			
Stamps, steel, for wood, ½-inch — figures, 0 to 8 ... sets	1	1	For Rifle corps.
letters — regimental initial ...	1	...	
letters — R.D.	...	1	
FOR BUFF ACCOUTREMENTS. *Woolwich Store Charge 25.*			
Stamps, brass or gunmetal on wood, ½-inch figures, 0 to 8 ... ... sets	1	1	Except for Rifle Corps.
Typeholders	2	2	
Blocks, wood	2	2	
Typeholders, type, — figures, ½-in. numeral — battalion ...	1	...	
numeral — R.D.	...	1	
letters — ¼-in. (regimental initial)* ...	1	...	
letters — ¼-in. R.D.	...	1	
letters — $\frac{3}{16}$-inch (regimental terminal)	1	...	
FOR VALISES. *Woolwich Store Charge 25.*			
Brushes, stencil	...	...	2 per company.
Plates, stencil, paper	...	...	
38407 Equip. 1723 A.O. 9 1897 — FOR ENAMELLED IRON WATER-BOTTLES. *Woolwich Store Charge 25.*			
Stamps, copper, inlaid, ½-inch — figures 0 to 8 sets	1	1	
letters — regimental initial	1	...	
letters — R.D.	...	1	
FOR SMALL ARMS. *Weedon Store Charge.*			
Stamps, steel — for metal, letters, 1 letter, $\frac{3}{64}$-inch (regimental terminal)	†	...	

N.B.—The "Guards" will also have the letters G., C. G., or S. G., one per battalion.
† These stamps will be issued on loan, as required, under paragraph 280, Part 1.

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Stencil Brushes and Plates, and Stamps—*continued.*

TABLE 15—*continued.*	Battalions.	Regimental Districts.	Remarks.
Woolwich Store Charge 25.			
Stamps, steel, for metal — figures, sets 0 to 8, ⅛-inch.	†	...	The ordinary stamps required for marking arms are included in Appendix IV., Part 1.
Stamps, steel, for metal — letters — 1 letter, ⅛ inch (regimental initial)	†	...	
Stamps, steel, for metal — letters — 2 letter, ⅛-inch (R.D.)	...	*	

* The letters R.D. will be issued on demand for the use of armourers employed in marking the arms of Regimental Districts.

† These stamps will be issued on loan, as required, under paragraph 280, Part 1.

N.B.—The "Guards" will have also the letters G., C. G., or S. G., one per battalion.

Miscellaneous Stores and Instruments.

TABLE 16.	Battalions.
Weedon Store Charge.	
Chests, or cases, rifle, regimental, M.L.M.*† ...	*See* paragraph 139, Part 1.
Woolwich Store Charge 1.	
Bags, squad‖	1 per 25 N.C. officers and men.
Handcuffs, common* ... ... pairs	1 per company and 1 spare per battalion.
Woolwich Store Charge 2.	
Implements, intrenching	48 } per company.
Axes, pick, intrenching‡	16 } per company.
Shovels, intrenching‡	32 } per company.
Boxes, stationery, field	2 per battalion.§
Woolwich Store Charge 10.	
Nails, horse shoe } **Shoes**, horse (spare) }	For general instructions to guide the supply of horse shoes and nails, *see* Section VII., Part 1.
Woolwich Store Charge 11.	
Dubbing...	½ lb. per squad bag per annum.
Woolwich Store Charge 25.	
Chests, school material	1 per battalion.
Woolwich Store Charge 29.	
Instruments, drawing, musketry instructors...	1 per battalion.

38407 Equip. 1728

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* To be returned to store on embarkation of battalion for India.

† 1 per regimental depôt company (if required).

‡ These tools will be issued when store of intrenching implements is exhausted

§ For battalions stationed at home only.

‖ To be returned to store on embarkation of battalion for abroad.

38407 Equipt. 1820

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Instruments for Field Sketching.

(*Referred to in paragraph* 262, *Part* 1.)

TABLE 17.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Cases, sketching, R.M.A.	2	
Compasses magnetic, pocket	6	
Compasses prismatic	2	
Compasses drawing, shifting leg, pen and pencil legs, in case...	3	
Protractors, ivory, 6 inch	6	
Scales, mathematical, No. 3, Marquoi ... ... sets	3	
Not in Vocabulary.		
Conventional signs ‖	6	

‖ Supplied from the War Office on requisition.

Machine Guns.

(*Referred to in Paragraphs* 143 *to* 150, *Part* 1.)

For Machine Gun Detachments as authorised.

TABLE 18.	Proportions with 1 gun.
Woolwich Store Charge 5.	
Harness, machine gun, Infantry ... ... sets	1*
Woolwich Store Charge 13.	
Carriages, field machine gun, Infantry, Maxim	1
Woolwich Store Charge 16.	
54 / 3 Gren. Gds / 480 — **Guns,** Maxim, ·303 inch, complete	1
Locks, skeleton (brass)	‡

* For details *see* Table 21.

‡ One per detachment for instructional purposes.

List of Stores issued with Guns, Machine, Maxim, ·303 inch.

TABLE 19.	No. per Gun.
40116 / 4177 / 54 / Machine Guns / 192 — *Woolwich Store Charge* 16.	
Barrels	2*
Belts, ammunition (250 rounds)	16
Box, spare parts, &c., containing the following:—	1
Foxes, tin, for eyelets, strips, &c.	2
Blocks, feed	1
Chains, fusee, with fittings	2
Corks, for plug	2
Eyelets, repairing belts	500
Gibs	2
Handles, crank	1
Levers, extractor, left	1
,, ,, right	1
Locks, complete	1
Muzzle attachment†	1

* See para. 146A, Part 1.

† The issue to the service of the attachment and gib keys belonging to it is at present suspended.

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List of Stores issued with Guns, Machine, Maxim, ·303 inch—*continued.*

TABLE 19—*continued.*	No. per Gun.
Box (*continued*)—	
Packings, asbestos, pieces 11 inches long	4
,, ,, ,, 5 yards ,, ...	2
Pins, firing	2
,, axis, lock spring	2
,, ,, sear	2
,, ,, trigger	2
,, ,, tumbler (steel)	4
,, fixing axis pins	24
,, ,, extractor, spring	4
,, ,, fusee, chains	2
Plug, cork, complete	*
Strips, long } repairing belts	50
,, short } repairing belts	100
Sights, tangent, complete	1
,, fore	1
Sears	1
Springs, buffer	4
,, feed block	4
,, cover	4
,, ,, lock	2
Springs connecting rod	2
,, ejector tube (steel)	2
,, extractor	2
,, firing lever†	2
,, fusee complete with fittings	2
,, gib	2
,, lock	4
,, feed block, slide	4
,, sear	2
,, shutter‡	2
,, side plate	2
,, safety catch	2
,, tangent sight	2
,, tangent sight slide	2
,, trigger bar‡	2
Trigger	1
Tumblers	1
Bags, water, and nozzle, with cap and chain	1
Balance spring	1
Drivers, screw, large	1
,, ,, small	1
,, ,, bent	1
Funnels	1
Keys, gib, gun metal valve	1
,, ,, muzzle protector and check nut§	1
,, ,, gun metal, gland, and adjusting screw§	1
,, ,, cup muzzle and casing§	1
Plugs, clearing, Mark II.	1
Punches, Nos. 1, 2, 3, and 4...	4
Pliers, cutting ... ... pairs	1
Spanners, shifting	1
Tools, belt repairing ... ... sets	1
Vessels, water, brass	1
Wrenches, pin	1
Plugs, belt, Maxim, ·303 inch	¶
‖**Rod**, cleaning	1

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54 / Machine Guns / 184

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* One for every 2 guns.

† Guns manufactured before 1897 had no "springs firing lever."

‡ Only supplied for guns which have no "springs firing lever," and which have the original pattern of shutter.

38407 / Equip. / 1759

§ The issue to the service of the attachment and gib keys belonging to it is at present suspended.

‖ Carried on Gun Carriage.

¶ One per battalion to be carried in box of spare parts.

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List of Stores issued with Carriage, Field, Machine Gun, Infantry.

TABLE 20.	No. per Carriage.
Woolwich Store Charge 2.	
Axes, felling, curved helve	1
Axes, pick, heads, 6½ lbs.	1
Axes, pick, helves, 34½ inches	1
Spades, N.P.	2
Woolwich Store Charge 8.	
Spanners, McMahon, 12-inch	1
Woolwich Store Charge 13.	
Boxes, belt, ammunition, Maxim, No. 2	16†
,, grease, 3 lb. tin*	1
,, tin, for tow*	1
Cans, water*	1
,, lubricating, No. 9	1
Covers, leather, oil can*	1
Pockets, leather, for feeding block*	1
Pockets, ,, ,, gun lock*	1
Pockets, ,, ,, joint pins*	1
Swingletree, No. 6	1
Woolwich Store Charge 18.	
Ropes, drag, light, carriage, field, M.G., Infantry ... pairs	1
Woolwich Store Charge 11.	
Grease Fields' ... lbs.	‡
SPARE PARTS.	
Woolwich Store Charge 4.	
Pins, linch, 3rd Class	1
Ties, linch-pin	2
Washers, drag, 3rd Class	1
Woolwich Store Charge 13.	
Bolts, with nuts, securing top shield	1
Nuts, 1-inch, bolt, bracket pivot	1
Pins, joint, crosshead	1
Pins, joint, elevating gear	1
Pins, taper, ·1875 in. by 1·625 in.	2
Pins, taper, ·2 in by 2 in	2
Propsticks, complete	1 per 4 carriages.
Shafts, near, No. 28§	,, ,,
Shafts, off, No. 29§	,, ,,
Springs, catch, securing carrier	1
Springs, flat, clamp traversing	1
Woolwich Store Charge 14.	
Keys, split, round loop, ·2 in. by 1·75 in.	2
Keys, split, round loop, ·25 ,, ,, 2·5 ,,	2
Keys, split, round loop, ·15 ,, ,, 1·75 ,,	2
Keys, split, round loop, ·1875 in. by 1·75 in.	2

* Issued with the carriage.
† Will carry 4,000 rounds of ·303 inch ammunition.
‡ 3 lbs. per wheel per annum.
§ To be carried on the G.S. wagon for stores of the battalion.
NOTE.—Materials for cleaning and oiling machine guns and their carriages are supplied in the proportions laid down in Para. 149, Part I.

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38407 Equip. 1730
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Harness for Infantry Machine Guns.*

TABLE 21.	No. in a set.
HARNESS, GENERAL SERVICE.	
Woolwich Store Charge 5.	
Bits, portmouth, reversible, with bridle head (No. 1 size)	1
Girths, leather, luggage	1
Numnahs, felt	1
Pannels, wood arch saddles, O.P. luggage, transport§ ... pairs	1
Reins, leading	1
Ropes, head, cotton	1
Saddles, wood arch, O.P. luggage, transport§	4
Straps { girth‖	—
Straps { kicking¶	2
Straps { luggage, wallet	1
Wallets, W.A. saddles, luggage†† ... ... pairs	1
Whips, drivers'	
Woolwich Store Charge 6.	
Cases, horseshoe, saddlery, patt. '84	1
Reins, bridoon, patt. '84	1
Straps, shoe case, patt. '84	1
Surcingles, leather, harness, Mark II.	1
HARNESS, MULE, BREAST, G.S.	
Woolwich Store Charge 5.	
Bands, back	1
Breechings	1
Collars, breast, Mark II.	1
,, head (without chapes and ring)	1
Crupper	1
Straps { crupper	1
Straps { neck, Mark II.	1
Straps { wither...	1
Traces, long, Mark II. ... ...pairs	1
Tugs, backband { near	1
Tugs, backband { off	1
PACKSADDLERY, G.S.	
Woolwich Store Charge 27.	
Bit, bridoon**	1
STABLE NECESSARIES.	
Woolwich Store Charge 5.	
Bags, nose, G.S....	1
Brushes { harness, hard	1†
Brushes { horse	1
Combs, curry, Mark II.	1
Pickers, hoof	1
Sacks, corn, 4 bushel, canvas	1†
Scissors, trimming	1†
Sponges, G.S.	2‡
MISCELLANEOUS STORES.	
Woolwich Store Charge 11.	
Oil, rape } proportions per set of harness and saddlery { quarts	1
Soap { hard } proportions per set of harness and saddlery { bars	2½
Soap { soft } proportions per set of harness and saddlery { lbs.	6
Dubbing } proportions per set of harness and saddlery { ,,	½

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38407 / Equip. / 1766

54 / Machine Guns / 154

* A complete set of harness for Infantry Machine Guns comprises the above-mentioned parts of General Service and Mule Harness and of Packsaddlery. (§ 6535, List of Changes.)

† Per two sets of harness.

‡ Per draught horse, per annum, for cleaning harness.

§ When store of these is exhausted "saddles, iron arch, luggage, small" and pannels will be issued.

‖ If iron arch saddles luggage small are issued.

¶ May be drawn when required.

** Will not be worn with bit reversible.

†† Or harness, Mark III.

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TABLE 22. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy note.
239	Regimental equipment	Account ledger.
281	Regimental repairs	Daily work book.
282		Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
G 968	Camp equipment	Requisition.
G 973		Account (*temporary use*).
G 997	Equipment in general (*blank*)	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 980		Carrier's note.
G 1027	Materials for repair in general (*blank*)	Requisition.
G 815	Ammunition, small arm	Requisition.
G 804	,, blank, for reviews ..	Requisition.

HONG KONG REGIMENT.

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Hong Kong Regiment.

Sect. I.

Arms.

TABLE 1.	Per Battalion.
WEEDON STORE CHARGE.	
MARTINI-ENFIELD.	
Rifles, M.-E., Mk. I.	1 per havildar and rank and file, except band.*
Protectors, front-sight, M.L.M. rifle ...	1 per M.-E. rifle and 5% spare.
Pull-throughs	1 per M.-E. rifle and 5% spare.
Reflectors, mirror	25 per battalion.
Rods, clearing,† rifle "C"	1 per M.-E. rifle.
Pistols { Webley	1 per native officer and staff havildar.
Pistols { " rods, cleaning	1 per native officer and staff havildar.
Bayonets, M.-E....	1 per M.-E. rifle and 5 spare.
Scabbards, bayonet, M.-H., long	1 per bayonet and spare bayonet.
MARTINI-HENRY.	
Rifles { M.-H., D.P. (long or short butts as required)...	50 for the battalion.
Jags, M.-H., brass	1 per M.-H. D.P. rifle.
Rifles, M.-H., M.T.	2 per company for aiming tubes.
Tubes, aiming { Martini-Henry rifle	2 per company.
Tubes, aiming { brushes, cleaning	2 per company.
Tubes, aiming { keys, Martini-Henry	2 per company.
Tubes, aiming { rods, cleaning, rifle	2 per company.
Tubes, aiming { sights, fore, false, M.-H. rifle ...	2 per company.
Swords, S.S., pattern 1889, gilt hilt... ...	1 per native officer and staff havildar, 1 including drum-major.
Scabbards, sword, S.S., pattern 1889 ...	1 per native officer and staff havildar, including drum-major.
Not shown in Vocabulary.	
Scabbards, sword, drummers', native pattern‡	1 per drummer and musician.
Sword, drummers', native pattern‡... ...	1 per drummer and musician.

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* There are no Pioneers in the Hong Kong Regiment.
† In time of peace clearing rods will be in possession of havildars and naiques only.
‡ Will be obtained from India.

The Drill Havildar, Quarter-Master Havildar, Armourer Havildar, Band Havildar, and Drum-Major, are equipped with Staff-Serjeants' swords.

Ammunition.

TABLE 2.	Per Battalion. Service.	Per Battalion. Practice.
Woolwich Store Charge 23.		
Cartridges, aiming tube	In accordance with para. 151, Section V., Part I., Equipment Regulations.	In accordance with Indian Musketry Regulations.
Cartridges, small arm { ball, pistol, Webley ·303	In accordance with para. 151, Section V., Part I., Equipment Regulations.	In accordance with Indian Musketry Regulations.
Cartridges, small arm { blank, ·303	In accordance with para. 151, Section V., Part I., Equipment Regulations.	In accordance with Indian Musketry Regulations.
Cartridges, small arm { dummy drill	... ...	800

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Articles for Musketry Instruction.

As detailed in Part I.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Part I.

Accoutrements.

TABLE 3.	Per Battalion.
Woolwich Store Charge 1.	
Bottles, water, Italian, without spring clip	1 per native officer, and 1 per non-commissioned officer and man.
Bottles, zinc, oil	1 per rifle and 5°/₀ spare.
Carriages, drum, brown	1 per side drum.
Carriages, water bottle, Italian, brown, L.S.	1 per water bottle.
Frogs, brown, bayonet	1 per bayonet.
Frogs, intrenching implement *	1 per implement.
Knots, sword, brown, Infantry	1 per sword.
Pouches, ammunition, brown, pistol, Infantry	1 per pistol.
Slings, rifle, brown, Infantry...	1 per rifle.
Whistles, Infantry, Mark III	1 per native officer and havildar, except quarter-master havildar, armourer havildar, band havildar, and drum-major
Not in Vocabulary.	
Aprons, leg, brown	1 per side drum.
Belts, waist, brown (native officer) ...	1 per native officer and staff havildar.
Belts, shoulder, brown, native Infantry ...	1 per drummer and musician.
Belts, waist, brown, M.E., N.I.	1 per havildar and rank and file and 3% spare.
Cases, brown, fife	1 per fife.
Cases, brown, oil bottle	1 per oil bottle.
Frogs, brown, fife case	1 per fife case.
Pouches, ammunition, brown, M.E., N.I. ... 30 rounds; with tubes ... 20 ,, ; without tubes... 20 ,,	1 each per havildar, and 1 per rank and file.
Straps, brown, M.E., braces, sets of 3 ...	1 set per havildar and rank and file.
Straps, brown, M.E., great coat ... pairs	All staff havildars, havildars, and rank and file.
Washers, leather, for oil bottle	1 per oil bottle.

* Or when pick-axes and shovels, intrenching are issued :—

Carriage, black or buff { axe, pick, intrenching / shovel } 1 per pick or shovel.

N.A.—Articles of Indian pattern mentioned in this Table will be obtained from India.

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Articles for Repairs of Accoutrements.

TABLE 4.	Battalion above 600 R. & F.	12 Months' Supply.
Woolwich Store Charge 1.		
Thongs, brown rifle sling	43	
Not in Vocabulary.		
Buckles, brass, frog, M.E., N.I.	2	
Carriages, waist belt, brown, M.E., N.I. { long	1	
short	1	
Dees, brass, pouch, M.E., N.I.	36	
Fronts, frog, brown, M.E., N.I.	16	
Leather, pieces { buffalo, tanned and curried ..	—	1 hide per company.
cow ,, ,, ...	—	
Hooks, gilt, side, Infantry, M.E., N.I. ...	1	
Safes, waist belt, brown, Infantry, serjeants and R. and file, M.E., N.I.	18	
Straps, brown, frog, Infantry, M.E., N.I....	18	
Studs, brass, ammunition pouches, M.E., N.I....	33	

N.B —Articles of India pattern mentioned in this Table will be obtained from India.

Signalling Equipment, as for Infantry of the Line (*see* Table 11).

Range Finders, as for Infantry of the Line (*see* Table 12).

Musical Instruments.

TABLE 5.	Per Battalion.	Remarks.
Woolwich Store Charge 29.		
Bugles... ... ... } **Strings,** bugle, green }	8	
Cases { drums, brass, large	8	
flute { B	6	
F	2	
piccolo { E♭	1	
F	1	
Drums, side { brass, large	8	
sticks	8	The service drum sticks are to be used with the silent drums.
silent	4	
Flutes { B	6	
F	2	
Piccolo { E♭	1	
F	1	
Pitch pipes	1	
Tuning forks	1	

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Tools, Artificers, and opening Packages.

TABLE 6.	Per Battalion.	Remarks.
WEEDON STORE CHARGE.		
Tools, armourers ... ... set	1	As detailed in the Equipment Regulations, Part I.
Woolwich Store Charge 7.		
Chisels, ripping	1	Opening packages.
Drivers, screw, G.S., 9 in.	1	
Hammers, fitters, 24 ozs....	1	
Woolwich Store Charge 8.		
Knives, laboratory	1	

Stamps.

TABLE 7.	Per Battalion.	Remarks.
Woolwich Store Charge 25.		
Stamps steel, for wood, ½-inch, figures, 0 to 8 sets	1	
Stamps steel, for wood, ¾-inch, letters, 3 letters (H K R)...	1	

Miscellaneous Stores and Instruments.

TABLE 8.	Per Battalion.	Remarks.
WEEDON STORE CHARGE.		
38407 Equip. 1728 **Chests** or Cases, rifle, regimental, M.L.-M. ...	...	*See* paragraph 139, Part 1.
Woolwich Store Charge 1.		
Handcuffs, common ... ... pairs	2	

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Miscellaneous Stores and Instruments—*continued.*

TABLE S—*continued.*	Per Battalion.	Remarks.
Woolwich Store Charge 2.		
Implements, intrenching	48	per company.
Axes, pick, intrenching*	16	per company.
Shovels, intrenching*	32	per company.
Woolwich Store Charge 25.		
Chests, school materials	1	See Section XII. Part I.
Woolwich Store Charge 29.		
Instruments, drawing, musketry instructors ...	1	
Stores not in Vocabulary.		
Balance, spring	1	
Bells, large	1	
Chests, treasure, small	2	
Colours { camp, J.P.	24	
Colours { camp, poles	24	
Mallets, large	1	
Scales, weighing, iron beam, triangle, 1 cwt. (for bell, large)	1	
Sticks, pace	12	

57
Gen. No.
7926

* These tools will be issued when store of intrenching implements is exhausted.

Army Books and Forms for Equipment, as for Infantry of the Line, see Table 22.

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8-inch R.M.L. Howitzer of 7 cwt. 1895. Price 3s.

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6·6-inch R.M.L. Howitzer on Bed and Ground Platform. or on Siege Travelling Carriage. 1897. Price 1s. 6d.

6-inch B.L. Howitzer of 25 cwt. Mark I. Price 2s.

5·4-inch ,, ,, (Mark I.) 1897. Price 1s.

5-inch ,, ,, (,,) 1897. Price 8s. 6d.

0·45-inch Maxim M.-M. Chamber Machine. Mounted on Carriages, Field, Machine Gun, and Parapet Mounting. 1893. Price 6d.

0·303-inch Maxim Machine Gun (Magazine Rifle Chamber) Mounted on Carriages, Field, Machine Gun, Cavalry and Infantry, &c. 1897. Price 9d.

LAW. MILITARY. Manual of. 1894. Price 2s 6d.

MAGAZINES, AMMUNITION STORES, LABORATORIES, &c. Regulations for. 1894. Price 1s. 6d.

MEKOMETER. Handbook of the. 1897. Price 6d.

POSITION FINDING INSTRUMENTS. Handbook for. 189 Price 3d.

RANGE FINDER. Depression. For Elevated Batteries. Handbook for the. Land Service. 1896. Price 3d.

RANGE-FINDING. Field. Manual of. For Officers and Non-Commissioned Officers of the Horse and Field Royal Artillery. 1891 Price 1s.

BASHFORTH CHRONOGRAPH: Report on Experiments with. (1870.) Price 1s. Final do. (1878–80.) Price 2s. 3d.

SCHOOL OF MUSKETRY AT HYTHE: Report on the In- struction carried on at, and of the Progress of Musketry Instruction in the Army during the Year ending 31st March, 1895. Price 5s. Reports on the Years 1859 to 1893 can also be had.

SIGNALLING INSTRUCTIONS. 1896. Price 9d.

SMALL ARMS AND AMMUNITION. MILITARY. Text Book for. Price 2s. 6d.

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Officers of Regular Forces, Militia, and Volunteers. November, 1893. Price 1s.

Papers of earlier dates can still be had.

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WORKS prepared in the Intelligence Division of the War Office.

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STAFF. GENERAL. The Duties of. By General Bronsart VON SCHELLENDORF. Corrected and Revised by Colonel Meckel, of the Great General Staff, Berlin. Translated from the German by W. A. H. HARE, Lt.-Col., R.E. Third edition. 1895. Price 6s.

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RIDING ESTABLISHMENT, ROYAL ARTILLERY, DETAILS.

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1897.

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Arms.

TABLE 1.	No.	Remarks.
Woolwich Store Charge, No. 1.		
Scabbards, swords, cavalry, patt. '85, Mark II....	23	1 per N.C.O. (including acting bombardiers) and trumpeter
Swords, cavalry, patt. '90	23	

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Arty.
1952

Accoutrements.

TABLE 2.	No.	Remarks.
Woolwich Store Charge No. 1.		
Belts, waist, buff, cavalry, line, patt. '85, O.R. ...	87	All ranks.
Knots, sword, buff, cavalry, line, O.R.	23	1 per cavalry sword.

Articles for Repair of Accoutrements.

TABLE 3.	No.	Remarks.
Woolwich Store Charge No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckle...	4	
Buckles, brass, waist-belt, cavalry, patt. '85 ...	4	
Buttons, brass	4	
Chapes, waist-belt, cavalry, patt. '85	4	
Hooks, brass, side, cavalry, line	2	
Loops, brass, waist-belt, cavalry, patt. '85 ...	4	
Pieces, leather, 4½ in. × ¾ in. (for waist-belt, safe, patt. '85)	4	
Pieces, buff, 3 in. × ½ in. (for sword-knot)	2	
Safes, waist-belt, buff, cavalry	2	
Short parts, waist-belt, cavalry	4	

Musical Instruments.

TABLE 4.	No.	Remarks.
Woolwich Store Charge No. 29.		
Bugles	2	1 per trumpeter, and 1 per bugle and 1 per trumpet.
Trumpets	2	
Strings, bugle, Royal	4	

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Saddlery and Harness, Number of Sets.

TABLE 5.	No.	Remarks.
SADDLERY, SETS.		
38407 Eqt. 1649 **Officers,** public	4	1 captain. 2 lieutenants. 1 riding master.
Universal	77	57 troop horses 20 R. riders class training remounts.
Cape pattern	10	
HARNESS, SETS.		
R.A. wheel near	1	
R.A. wheel off	1	
Harness for single brake	1	
Harness brake, double lead	1	
Harness brake, double wheel	1	

Saddlery, Officers.

TABLE 6.	No.	Remarks.
SADDLERY, OFFICERS.		
57 Vocaby. 3918 *Woolwich Store Charge No. 2.*		
Ropes, head, cotton, with leather billet	4	
Woolwich Store Charge No. 5.		
Bits bridoon, with reins	4	
Bits portmouth, reversible*	4	
Bits ,, ,, heads, bridle* ...	4	
Breastplates	4	
Cases, horseshoe near	4	
Cases, horseshoe off	4	
Chains, curb	4	
Collars, head	4	
Girths, web	8	
Leathers, stirrup	8	
Pannels ... ... pairs	4	
Reins, portmouth bit	4	
Saddles	4	
Skins, lamb, R.A.	4	
Straps cloak and wallet...	8	
Straps cloak centre	4	
Straps girth	16	
Straps wallet†	8	
Surcingles, leather	4	
Wallets ... ... pairs	4	

* When present store of Bit portmouth with bridle head is exhausted.
† For Mark I. wallet only.

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Saddlery, Officers—*continued.*

TABLE 6—*continued.*	No.	Remarks.
Woolwich Store Charge No. 6.		
HARNESS AND SADDLERY.		
Irons, stirrup, G.S.	8	
Runners, leather, stirrup, patt. '84, brass ...	8	
Straps, baggage	12	

38407
Eqt.
1649

Harness and Saddlery.

TABLE 7.	No.	Remarks.
Woolwich Store Charge No. 2.		
Ropes, head, cotton	77	
Woolwich Store Charge No. 5.		
HARNESS AND SADDLERY.		
Bands, back, 2¼-in.	1	
Bits,* portmouth, harness, with bridle head ...	2	
Breechings near, with long strap	1	
Breechings off	1	
Chains, hame, Mark I...	2	
Collars head, R.A.	79	
Collars neck	2	
Cruppers, harness	2	
Hames ... ... pairs	2	
Leggings, drivers	1	
Pannels saddles drivers ... ... pairs	1	
Pannels saddles luggage ... ... ,,	1	
Pieces, buckling, 1½-in.	2	
Reins bearing	1	
Reins driving, long ... ... sets	1	
Reins leading	1	
Reins side	1	
Saddles drivers	1	
Saddles luggage	1	
Straps flank	4	
Straps girth	8	For luggage saddles.
Straps hame	2	
Straps hip†	4	
Straps wither, 1½-in.	2	
Traces, harness, wheel ... ... pairs	2	
Tugs, back band, 2¼-in.	2	
Whips, drivers	1	
Whips, driving	1	

57
Vocaby.
3918

* Will be replaced by reversible bits when store of old pattern is exhausted.
† Not to be drawn for cruppers, having hip straps sewn on.

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Harness and Saddlery—*continued.*

	TABLE 7—*continued.*	No.	Remarks.
	Woolwich Store Charge No. 6.		
	Bits bridoon ...	77	
	Bits portmouth* saddlery, with bridle head and reins	77	
	Blankets, saddle	77	
38407	**Breastplates**	77	
Eqt.	**Cases**, horseshoe, saddlery	154	
1649	**Protectors**, cape	77	
	Cruppers, saddlery	5	
38407	**Frogs**, sword, saddle	45	
Eqt.	**Girths**, leather	77	
1597	**Irons**, stirrup, G.S.	156	20 of these must be Mark II.
	Leathers, stirrup	156	
	Numnahs, felt	79	
	Pannels, numnah ... pairs	77	
	Reins, bridoon	77	
	Runners, stirrup, leather, brass	154	
	Saddles, iron-arch or steel-arch, universal	77	
38407	**Straps** baggage	234	
Eqt.	**Straps** cloak and wallet	156	
1649	**Straps** cloak centre	78	
	Straps shoe case	154	
	Surcingles, leather	79	
	Wallets, iron-arch saddles, universal ... pairs	77	
	Not described in Vocabulary.		
	CAPE PATTERN SADDLERY.		
	Bits hunting, portmouth, with head rein and curb hooks	10	
	Bits bridoon with reins	10	
	Breastplate, hunting, with strap	10	
	Chains, curb	10	
	Collars, head, light	10	
	Girths, web, blue	20	
38407	**Irons**, stirrup, G.S.	20	
Eqt.	**Leathers**, stirrup	20	or G.S.
1597	**Saddles**, with pannels	10	

Stable Necessaries and Equitation Articles.

TABLE 8.	No.	Remarks.
Woolwich Store Charge No. 5.		
HARNESS AND SADDLERY.		
Bags corn, 2-bushel	78	1 per riding horse, and 1 per pair draught horses.
Bags nose, G.S.	79	1 per horse.

* Will be replaced by reversible bits when stock of old pattern is exhausted.

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Stable Necessaries and Equitation Articles—*continued.*

TABLE 8—*continued.*	No.	Remarks.
Woolwich Store Charge No. 5.—continued.		
Bridles mouthing bits	3	
Bridles mouthing heads, rein	3	
Bridles mouthing reins	3	
Bridles snaffle	77	
Brushes harness, hard	1	
Brushes horse	80	1 per horse. Supplied yearly on 1st April.
Cavisons	3	
Combs, curry	80	1 per horse. Supplied yearly on 1st April.
Crosstrees	3	
Pickers, hoof	87	1 per N.C.O. and man with mounted kit.
Sacks, corn, 4 bushel	1	
Scissors, trimming pairs	79	1 per riding horse every 5 years, and 1 per pair of draught horses every 3 years.
Sponges, G.S.	82	1 per riding horse, and 2 per draught horse. Supplied yearly on 1st April.
Whips hand	40	
Whips longeing	6	

Materials for Repairs of Harness and Saddlery.*

TABLE 9.	No.	Remarks.
Woolwich Store Charge No. 6.		
HARNESS AND SADDLERY.		
Basils, brown strained	2	
Basils, brown unstrained	2	
Bosses bit	6	
Bosses breastplate	3	
Buckles brass, roller double $1\frac{1}{8}$-inch	1	
Buckles brass, roller double 1 "	1	
Buckles brass, roller double $\frac{7}{8}$ "	1	
Buckles brass, roller double $\frac{3}{4}$ "	10	
Buckles brass, roller double $\frac{5}{8}$ "	1	
Buckles brass, roller single $\frac{3}{4}$ inch	5	
Buckles iron, roller double $1\frac{1}{4}$-inch head collar	10	
Buckles iron, roller double 1 "	6	54
Buckles iron, roller double $\frac{7}{8}$ "	12	3 Hrs.
Buckles iron, roller barred, $1\frac{1}{4}$ inch, curved	12	819
Buckles iron, roller single $\frac{3}{4}$-inch head collars	10	
Buckles iron, roller single $\frac{7}{8}$ "	6	
Buckles iron, tinned roller $1\frac{1}{4}$ "	12	For V girth attachment.
Buckles iron, tinned roller $\frac{3}{4}$ "	4	
Buckles iron, tinned roller $\frac{5}{8}$ "	4	
Buckles iron, tinned inlet $1\frac{1}{8}$-inch	6	

* *See* para. 366, Part I.

NOTE.—Buckles, iron, roller, single, 1-inch, barred for girths 12.

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Materials for Repair of Harness and Saddlery*—*continued.*

TABLE 9—*continued.*	No.	Remarks.
Woolwich Store Charge No. 6—continued.		
Burrs, copper	24	
Cord, whip ... ... lbs. ozs.	0 4	
Dees, iron-tinned, 2¼-inch	2	
Eylets, nosebag	12	
Facings, lambskin, R.A. ... ... set	1	
Felt, brown, 43 inches wide .. .. ins.	24	
Hides† brown, backs, bridle	½	
Hides† brown, backs, collar	2	
Hides† brown, backs, heavy	1	
Hides† brown, cloak	½	
Hides† brown, light	¼	
Hides† horse‡	$\frac{3}{16}$	
Linen, brown ... ... yds.	¾	
Rings brass, 1½-inch	1	
Rings brass, 1¼ ,, ...	1	
Rings iron, 1¾-inch slight	4	
Saddletrees Flaps, universal ... ... pairs	3	
Saddletrees Seats, universal§	4	
Serge, collarmakers ... ... yds.	2	For 2 sets of harness, and Cape saddlery.
Skins, lamb, for repairs	—	As required.
Squares brass	1	
Squares iron	10	
Studs ... brass, for breast plates, patt. '84 ...	8	
Studs ... wallet	24	
Studs ... frog, sword	10	
Thread black, 3-cord ... ... lbs. ozs.	0 4	
Thread flax, fine ... ... ,, ,,	0 6	
Thread whited-brown ... ... ,, ,,	1 0	To repair saddle blankets and sheepskins.
Twine, quilting... ... ... ,, ,,	0 8	
Web ... diaper, 2-in. ... ...yards	2	
Web ... straining ¶ ... ... ,,	6¾	
Woolwich Store Charge No. 9.		
Spelter, brass ... ... oz.	5	
Woolwich Store Charge No. 10.		
Nails, steel cut tacks, No. 197 ... ... lbs.	2	
Screws, iron, ¾-inch, gauge No. 10	12	For V attachment.
Screws, iron, flat-head ⅝ ,, ,, ,, 9	42	
Woolwich Store Charge No. 11.		
Borax, refined ... ... ozs.	4	
Dubbing... ... ... lbs.	43	
Flour ... ... lbs. ozs.	0 8	
Ink, marking‖ ... ... pints	$1\frac{13}{16}$	

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* *See* para. 366, Part I.

† Pieces of new or part worn leather may be issued in lieu of hides, weight for weight.

‡ Repairs of whips, &c.

§ According to pattern of saddle in use.

¶ 8 yards additional for each 25 steel arch saddles in possession.

‖ For accoutrements, sheepskins, nose bags, corn sacks, and corn bags.

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Materials for Repair of Harness and Saddlery*—*continued.*

TABLE 9—*continued.*	No.	Remarks.
Woolwich Store Charge No. 11—*continued.*		
Mixture, stamping woollens †	—	
Oil, rape ... ... quarts	27¾	
Soap { yellow, hard ... ... bars	242½	
Soap { soft ... ... lbs.	75¼	
Wax, black ... ... lbs. ozs.	2 8	
Miscellaneous.		
Felt, cuttings ‡ ... ... lbs.	9¾	
Linen, old { for cleaning ... ... ,,	20	
Linen, old { for repair of corn bags ... ,,	4	
Linen, old { for repair of nose bags ... ,,	4	

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Materials for Repair of Officers' Saddletrees.*

TABLE 10.	No.	Remarks.
Woolwich Store Charge No. 6.		
HARNESS AND SADDLERY.		
Saddletrees { burrs, brass	8	
Saddletrees { cantles	1	
Saddletrees { dee with brass plated chape ...	1	
Saddletrees { plates { crupper, brass	1	
Saddletrees { plates { front, brass outside ...	1	
Saddletrees { plates { front, steel inside ...	1	
Saddletrees { plates { gullet, steel	1	
Saddletrees { plates { top, brass	1	
Saddletrees { rivets, copper { long	7	
Saddletrees { rivets, copper { short	10	
Saddletrees { screws, brass, fine	12	
Saddletrees { staples { crupper, brass	1	
Saddletrees { staples { front, brass	1	
Saddletrees { staples { girth	1	
Saddletrees { staples { wallet, N.P.	3	
Saddletrees { washers	1	
Woolwich Store Charge No. 8.		
Wire, iron, soft, No. 7, W.G.... ... ... oz.	4	
Woolwich Store Charge No. 10.		
Screws, brass, ⅝-inch, gauge No. 13	2	
Glue ... ... lbs.	½	

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* *See* para. 366, Part I.
† For saddle and horse-blankets—½ pint for each 150 blankets.
‡ When cuttings are not available, felt in the piece will be issued in the proportion of 1 yd. felt to 5 lbs. cuttings.

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Materials for Repair of Saddletrees of Harness and Universal Saddlery.

12 Months' Supply.

TABLE 11.	No.	Remarks.
Woolwich Store Charge No. 6.		
HARNESS AND SADDLERY.		
Saddletrees, arches, universal — front	3	According to pattern of saddle in use.
Saddletrees, arches, universal — hind	2	
Saddletrees, Bars, side, shaped, universal — near	6	
Saddletrees, Bars, side, shaped, universal — off	4	
Saddletrees, Dees or links	14	
Saddletrees, Plates for dees, or links, universal	14	
Saddletrees, ,, with stirrup link	...	8 per cent saddles so fitted.
Saddletrees, ,, ,, buckle and crupper link	...	1 per cent. saddles steel arch.
Saddletrees, Rivets, iron, 2-inch	60	
Saddletrees, Staples {cloak and wallet} universal, pattern '84 ...	12	Only to be drawn if pattern '84 saddles are in possession.
Woolwich Store Charge No. 8.		
Paper, glass, middling ... ... sheets	2	
Pencils, carpenters	1	
Wire, iron, soft, No. 7, W.G. (for rivets) ozs.	10	
Woolwich Store Charge No. 11.		
Oil, linseed, raw, ... pints	$\frac{5}{32}$	
Paint, prepared, black, lamp ... ... ozs.	9	

Materials for Repair and Preservation of Equitation Articles.

TABLE 12.	No.	Remarks.
Woolwich Store Charge No. 5.		
Sponges, G. S.	2	Annual supply.
Woolwich Store Charge No. 6.		
Cord, whip ... ... ozs.	9	Annual supply.
Woolwich Store Charge No. 11.		
Oil, rape ... ... pints	2	Annual supply.
Soap, soft* ... ... lbs.	6	Annual supply.
Miscellaneous.		
Linen, old (rags) ... ... lbs.	$\frac{1}{2}$	Annual supply.

* $\frac{1}{2}$-bar of hard soap may be drawn in lieu of every $\frac{3}{4}$-lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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Camp Equipment.

TABLE 13.	No.	Remarks.
Woolwich Store Charge No. 2.		
Axes, felling, curved helve	2	

Ordnance and General Stores.

TABLE 14.	No.	Remarks.
Woolwich Store Charge No. 7.		
Chests, tool, filled — No. 3 F	1	
Chests, tool, filled — No 5 A	1	
Chests, tool, filled — No. 10	1	
Woolwich Store Charge No. 10.		
Jacks, lifting	1	
Woolwich Store Charge No. 25.		
Irons, branding — figures 0 to 8, $\frac{5}{8}$-inch ... ... sets	1	
Irons, branding — letters $\frac{5}{8}$-inch ... ... ,,	1	
Stamps — copper, inlaid — figures 0 to 8, $\frac{1}{2}$-inch ... ,,	2	
Stamps — copper, inlaid — letters $\frac{1}{2}$-inch ... ... ,,	2	
Stamps — steel, for metal — figures 0 to 8, $\frac{1}{3}$-inch ... ,,	2	
Stamps — steel, for metal — letters $\frac{1}{3}$-inch ... ... ,,	2	
Not in Vocabulary.		
Brakes — single	1	
Brakes — double	1	

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Army Books and Forms for Equipment.

TABLE 15.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy Note.
183	Regimental Equipment	Account Ledger.
281	Regimental repairs	Daily Work Book.
Forms.		
G 815	Ammunition, small-arm, practice and exercise	Requisition.
G 957	Accoutrements, materials for repairs ...	,,
G 980	Stores	Carrier's Note.
G 997	Equipment in general (blank)	Requisition.
G 1033	,, ,, ,, ...	Receipt and Issue Voucher.
G 1027	,, ,, materials for repairs (blank) ...	Requisition.
P 1925	,, ,, ...	Expense Voucher.
G 1049	,, ,, ...	Expenditure, Transfer, and Conversion Voucher.
G 1037	Harness and saddlery materials for repair	Requisition.

NOTE.—Consumable stores for veterinary purposes are provided for by the Inspecting Veterinary Surgeon, Woolwich, under Equipment Regulations, Part I, paragraph 264.

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U. S. EMBASSY,

LONDON.

Nov. 1 1897

Capt. O. M. CARTER,
Corps of Eng'rs.
Military Attaché.

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REGULATIONS

FOR THE

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Equipment
1901

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

Despatch No.....
AMERICAN EMBASSY,
LONDON.
Nov. 2" 1898
Lieut. Col. A. E. Bates
Deputy Paymaster General,
Military Attaché.

PART 2.—SECTION I.

INFANTRY DETAILS.

WAR OFFICE, 1898.

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Nov. 10-98.
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Adjutant General's Office.

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PART 2.—DETAILS OF EQUIPMENT.

SECTION I.—INFANTRY.

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Arms.

	TABLE 1.	Battalions and Regimental Depôts.
38407 Equip. 1728 54 Staff. 56	*Weedon Section.*	
	Rifles, M.L.M. or M.L.E.	1 per colour serjeant, serjeant, and rank and file (except transport serjeant, band corporal, 20 bandsmen, and 10 pioneers, and serjeants equipped as staff serjeants, *vide* N.B. on page 3.
	SIDE-ARMS AND APPURTENANCES FOR M.L.M. AND M.L.E. RIFLES.	
54 1/43 93	**Bottles**, oil, M.L.M., rifle	1 per rifle } and 5% spare for peace.
	Protectors, front-sight, M.L.M., rifle ...	1 per rifle }
	Pull-throughs	1 per rifle }
	Reflectors, mirror	25 per battalion and 5 per regimental depôt, for examining interior of barrels.
	Rods, clearing*	1 per M.L.M. rifle.
	Sword-bayonets, pattern 1888	} 1 per rifle.
	Scabbards, sword-bayonet, pattern 1883 ...	}
38407 Equip. 1728	**Tubes**, aiming { M.L.M. rifle...	} 2 per company, for peace only.
	Tubes, aiming { brushes, cleaning	}
	Tubes, aiming { rods, cleaning	}
	Rifles, M.L.M., Morris tube	2 per company for aiming tubes, for peace only.
	Dirks	{ 1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.
	Scabbards, dirk...	}
104 Gen. No. 2532 54 Staff. 56	**Pistols** { Webley	{ In time of peace, 6 per battalion and 1 per regimental depôt† (for instructional purposes). In time of war, 1 per serjeant-major, staff-serjeant (except band serjeant, serjeant instructor of musketry, and canteen serjeant), armourer serjeant, transport serjeant, and driver.
	Pistols { ,, rods, cleaning, L.S. ...	}
54 1/25 43 54 Staff. 56	**Swords** { buglers'	1 per band corporal, bandsman, and bugler, Rifles.
	Swords { cavalry, patt. '90	1 per transport serjeant.
	Swords { drummers'	1 per band corporal, bandsman, drummer, and bugler, line, except Highland regiments.
	Swords { pioneers'	1 per serjeant pioneer and pioneers.
	Swords { staff-serjeants' { patt. '97 (or '89), gilt hilt Highland regiments ...	Line (except Highland, Scottish, and Rifle regiments) ... ... } 1 per WarrantOfficer and staff-serjeant.
	Swords { staff-serjeants' { patt. '97 (or '89), iron hilt	Highland and Scottish regiments ... ... } 1 per WarrantOfficer and staff-serjeant. Rifles ... ... } 1 per WarrantOfficer and staff-serjeant.
	Scabbards, sword { buglers'...	} 1 per sword.
	Scabbards, sword { cavalry, patt. '85	}
	Scabbards, sword { drummers'	}
	Scabbards, sword { pioneers'	}
	Scabbards, sword { staff-serjeants' { Highland regiments	}
	Scabbards, sword { staff-serjeants' { Patt. '89 ...	}

* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept on regimental charge.

† Three will be allowed for the Guards' Depôt at Caterham.

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N.B.—Serjeant majors, band masters, quarter master serjeants, orderly room serjeants, serjeant drummers, serjeant pipers, serjeant cooks, serjeant instructors of musketry, canteen-serjeants, band-serjeants, and serjeant master tailors are armed and accoutred as staff serjeants. The three last-named are included in the establishment of serjeants and have staff appointments, in reduction of three sets of rank and file arms and equipment. The transport serjeant is armed and accoutred as a mounted serjeant of Army Service Corps. The armourer serjeant comes from the Army Ordnance Corps with full peace equipment. 54 Staff 56

Rifles for Depôts will be of two descriptions :—

A.—*Serviceable Arms*, which are to be kept entirely distinct from those stored for the Army Reserve, will be issued to the Head-Quarters of Regimental Districts (including the Rifle Depôt), in the following proportions :—

On account of each Line battalion that belongs to the Regimental District .. .. } Any number, not exceeding 60, of rifles of the description that the battalion is armed with.

These rifles will be complete with side-arms, sight-protectors, oil bottles and pull-throughs. 33407 Equipt. 1728

The supply of serviceable arms for the Depôt, West India Regiment, will be according to its requirements, as approved by the General Officer Commanding.

B.—*Drill purpose (D.P.) arms* (but not clearing rods), of which an establishment not exceeding 136 will be supplied on the requisition of the Officer Commanding the Regimental District (including the Rifle Depôt), together with such additional number (if available) as the General Officer Commanding may consider necessary, who, however, before sanctioning any considerable increase, will ascertain whether the arms are available.

These arms will be used for the drill of the Depôt and Militia recruits, but not for ball-firing. 38407 Equip. 1728

Serviceable pull-throughs will be supplied for all D.P. rifles. Serviceable oil bottles will also be supplied if desired. Side-arms (unserviceable, if available) will be supplied if desired, except that when the Militia service side-arms are available at the place of training of the Militia recruits, such service side-arms will be used with the D.P. rifles by those recruits, and side-arms will then be drawn for only half of the 136 D.P. rifles.

The number of D.P. arms to be supplied to the Depôt, West India Regiment, will be determined by the General (or other) Officer Commanding.

Military Foot Police.
Arms.

TABLE 2.	
Weedon Section.	
Pistols { Webley...	All ranks in time of war only.
,, rods, cleaning, L.S. ...	All ranks in time of war only.
Sword-bayonets, M.H. carbine, Mark I. ...	1 per serjeant and rank and file.
Swords, staff-serjeants, gilt hilt	1 per serjeant major.
Scabbards { sword-bayonet, M.H. carbine, Mark I.	1 per serjeant and rank and file.
Scabbards { sword, staff-serjeants, steel	1 per serjeant major.

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Ammunition.

(Battalions and Regimental Depôts.)

38407 / Vot. / 197

TABLE 3.	Peace.		War.	
	Home.	Abroad.	To be carried by the soldier or on machine gun carriages.	To be carried in regimental transport.
Cartridges, small-arm — ball — ·303	100 per rifle	20 per rifle	100 per rifle	68,200 per battn.†
ball — pistol, Webley	4,000 per M. gun.	4,000 per M. gun.	4,000 per M. gun.	6,600 per M. gun.
ball — pistol	12 per pistol	12 per pistol	12 per pistol	480 per bn.†
dummy drill	800 per bn.*	800 per bn.		

A.O. 34 / 1897

* 100 will be supplied to each Regimental Depôt.

† Battalions in Field Army only. Other battalions and regimental depôts will each draw 200 rounds per rifle, and 40 rounds per pistol from the reserves held on A.O.D. charge in the district in which they mobilize.

Articles for Musketry Instruction. (For Peace only.)

These are supplied in accordance with paragraph 138, Part 1, Equipment Regulations, 1898.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1, Equipment Regulations, 1898.

Accoutrements.*

TABLE 4.	Battalions and Regimental Depôts.
Woolwich Section 1.	
Aprons, leg	1 per side drum (except Highland regiments).
,, ,, Highland regiments	1 per side drum (Highland regiments only).
Bags, ammunition, canvas	1 per company (*battalions only*) for peace, and 8 per S.A.A. cart and 1 per pack mule (for ammunition) for war.
Belts { waist, warrant officers, G.S.	1 per warrant officer and staff-serjeant.
,, buff, cavalry line, O.R. ...	1 per transport serjeant.
Bottles, water, enamelled, L.S.†	1 per warrant officer, non-commissioned officer and man.
Carriages, drum, buff	1 per side drum.
Cases, brown, pistol, L.S.	1 per pistol.

54 / Gen. No. / 7446

54 / Staff / 56

54 / Gen. No. / 6947

* Black leather for Rifles and buff for Line.

† For repair of the bottles the following materials will be allowed annually :—

Buff strip	5 per cent. of bottles in possession, or with 2 rivets and washers per strip.
Chains, with end rings	3 per cent. of bottles in possession.
Corks	5 ,, ,, ,,
Covers, water bottle, enamelled ...	5 ,, ,, ,,

54 / Cav. / 90

54 / Gen. No. / 7420

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Accoutrements—*continued.*

TABLE 4—*continued.*	Battalions and Regimental Depôts.	
Woolwich Section 1—continued.		
Frogs ... ... sword	1 per serjeant pioneer and pioneer.	
Frogs ... ... bayonet, G.S.†	1 per colour serjeant, serjeant carrying a rifle, bugler, also band corporal, bandsman, and drummer, except Highland regiments, and 1 per rank and file, except pioneers.	
Frogs ... ... intrenching implement‡ ...	1 per implement.	54
Knots sword, G.S.§	1 per warrant officer and staff serjeant.	Staff
Knots buff, cavalry line, O.R.	1 per transport serjeant.	56
Lanyards, pistol	1 per pistol.	38407
Loops, buff, dirk‖	1 per band corporal, bandsman, drummer, and piper, of Highland regiments, and piper of Scots Guards.	Equip.
		1709
Ornaments, brass, valise — Guards — Coldstream ...	1 per valise as required.	54
Ornaments, brass, valise — Guards — Grenadier... ...		Gen. No.
Ornaments, brass, valise — Guards — Scots		6947
Ornaments, brass, valise — Worcestershire Regiment ...		54
Pouches, ammunition, brown, pistol, infantry	1 per pistol.	Gen. No.
Slings, rifle...	1 per rifle.	6947
Straps, water-bottle, dismounted services ...	1 per water-bottle.	40116
Whistles	1 per serjeant major, colour serjeant, and serjeant.¶	5193
VALISE EQUIPMENT, PATTERN '88.		
Belts, waist, G.S.‖...	1 per serjeant pioneer, colour-serjeant, serjeant (except transport serjeant), drummer, bugler, piper, and rank and file.	54 Staff 56
Braces	1 left ... / right ... 1 per valise.	
Pouches, ammunition	2 per rifle.	
Straps greatcoat	2 per valise, and 1 per Warrant Officer and staff-serjeant.	
Straps mess-tin...	1 per valise, and 1 per Warrant Officer and staff-serjeant.	
Valises, G.S.	1 per non-commissioned officer and man, except staff-serjeants, and transport serjeant.	

† In time of War the bayonet frog will not be supplied to drivers.

‡ Or when pickaxes and shovels intrenching are issued :—

Carriages, black or buff — axe, pick, intrenching, / shovel, — 1 per pick or shovel.

§ Not supplied to Highland regiments. Rifle and Light Infantry, black; other battalions, buff.

‖ Black waist-belts, and loops for dirks in possession of pipers, will continue in use until worn out.

¶ Not supplied to pioneer serjeant, transport serjeant, or lance serjeants.

N.B.—Regimental depôts will have a minimum establishment of 196 sets of accoutrements. Any excess over this number will be issued as the General Officer commanding may consider necessary.

54 Gen. No. 7356

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Sect. I. Infantry.

Military Foot Police.
Accoutrements, &c.

TABLE 5.

Woolwich Section 1.	
Belts, waist, brown, V.E. patt. '82 .. { staff serjeants ...	1 per serjeant major.
{ serjeants and rank and file	1 per serjeant and rank and file.
Bottles, water, enamelled†	All ranks.
Cases, pistol	1 per pistol (war only).
Frogs, brown, sword-bayonet, land service	1 per serjeant and rank and file.
Knots, sword, brown, infantry	1 per serjeant major.
Lanyards, pistol...	1 per pistol (war only).
Straps, water-bottle	One per water-bottle.
Whistles, police	All ranks.
Woolwich Section 25.	
Lanterns, bulls-eye	1 per serjeant.

† For materials for repairs, *see* Table 4.

Articles for repair of Accoutrements (Pattern 1888, Valise Equipment).

TABLE 6.

	12 months' supply.					
	Battalions.				Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Section 1.						
Billets { black, waistbelt, without buckle ...	...	...	2	2	...	...
Billets { pouch { black	...	...	18	12	4	2
Billets { pouch { buff	18	12	...	...	4	2
Buckles { brass { brace, double-barred ...	6	4	6	4	2	1
Buckles { brass { chape, brace, double, 1-in.	18	12	18	12	4	2
Buckles { brass { waist-belt { $1\frac{3}{4}$-in. ...	18	12	18	12	4	2
Buckles { brass { waist-belt { 1-in.	18	12	18	12	4	2
Buckles { brass { waist-belt { $\frac{7}{8}$-in.	9	6	9	6	2	1
Buckles { brass { coat strap, double, $\frac{3}{4}$-in. ...	18	12	18	12	4	2
Buckles { brass { mess-tin, single roller, $\frac{3}{4}$-in.	18	12	18	12	4	2
Buckles { iron, valise, $\frac{3}{4}$-in.	36	24	36	24	8	4
Buckles { gilt, waistbelt, infantry	1	1	...	...	...	...
Buckles { silver-plated, waistbelt	...	...	1	1	...	...
Buttons, leather, sling, black	...	...	34	24	...	...
Carriages, waistbelt { black, japanned { long	...	...	1	1	...	...
Carriages, waistbelt { black, japanned { short... ...	...	...	1	1	...	...
Carriages, waistbelt { buff, Infantry { long	1	1	...	...	...	...
Carriages, waistbelt { buff, Infantry { short... ...	1	1	...	...	...	...

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Articles for Repair of Accoutrements—*continued.*

TABLE G—*continued.*

	12 months' supply.					
	Battalions.				Regimental Depôts.	
	Except Rifles.		Rifles only.			
	Above 600 R. and F.	600 R. and F. and under.	Above 600 R. and F.	600 R. and F. and under.	Above 100 R. and F.	100 R. and F. and under.
Woolwich Section 1—continued.						
Chapes, valise, black, 7½-in. by ¾-in. ...	40	30	40	30	10	5
Chapes, brace, black ...	...	...	18	12	4	2
Chapes, brace, buff ...	18	12	...	...	4	2
Catches, waist-belt, brass, V.E. patt. '82 ...	...	...	18	12	4	2
Fronts, frog, black ...	...	...	16	12	4	2
Fronts, frog, buff ...	16	12	...	...	4	2
Hooks, brass, snake ...	...	...	18	12	...	...
Hooks, gilt, side, G.S. ...	1	1	...	...	...	...
Loops, brass-wire, brace, 1⅜-in. ...	18	12	18	12	4	2
Loops, brass-wire, pouch, 1⅛-in. ...	18	12	18	12	4	2
Loops, brass-wire, waist-belt ...	18	12	18	12	4	2
Loops, gilt waistbelt, with eye ...	1	1	...	...	...	...
Loops, leather, pouch, 5¼-in. by 1-in., black ...	...	...	36	24	8	4
Loops, leather, pouch, 5¼-in. by 1-in., buff ...	36	24	...	...	8	4
Loops, leather, mess-tin strap, 2½-in. by ⅝-in., black ...	...	...	36	24	8	4
Loops, leather, mess-tin strap, 2½-in. by ⅝-in., buff ...	36	24	...	..	8	4
Patches, leather, brace, black ...	...	...	18	12	4	2
Patches, leather, brace, buff ...	18	12	...	...	4	2
Patches, leather, waistbelt, 1¾-in. by 1¾-in., black ...	...	...	36	24	8	4
Patches, leather, waistbelt, 1¾-in. by 1¾-in., buff ...	36	24	...	...	8	4
Patches, leather, pouch, 1 1/16-in. by 1½-in., black ...	...	...	36	24	8	4
Patches, leather, pouch, 1 1/16-in. by 1½-in., buff ...	36	24	...	...	8	4
Pieces, leather, black, 7½ in. × 2 in. (for sword frog) ...	...	...	1	1	...	...
Pieces, leather, black, 4 ,, × ¾ ,, (for rifle sling, and great coat and mess tin strap)	...	...	66	48	10	5
Pieces, leather, black, 2¼ in. × ½ in. (for valise) ...	40	30	40	30	10	5
Pieces, leather, buff, 7½ ,, × 2 ,, (for sword frog) ...	1	1	...	...	...	...
Pieces, leather, buff, 5½ ,, × ¾ ,, (for rifle sling and waist belt)	78	54	...	...	14	7
Rivets, copper tinned, ozs., ⅜-in. by 7-in. guage ...	12	8	12	8	2	1
Rivets, copper tinned, ozs., ⅜-in. by 12-in. ,, ...	12	8	12	8	2	1
Rivets, copper tinned, ozs., ⅜-in. by 10-in. ,, ...	12	8	12	8	2	1
Rivets, copper tinned, ozs., valise, round heads ...	12	8	12	8	2	1
Runners, leather, waist-belt, black ...	...	...	36	24	8	4
Runners, leather, waist-belt, buff ...	36	24	...	...	8	4
Runners, leather, brace, black ...	...	...	36	24	8	4
Runners, leather, brace, buff ...	36	24	...	...	8	4
Safes, leather, waist-belt, black ...	...	...	18	12	4	2
Safes, leather, waist-belt, buff ...	18	12	...	...	4	2
Studs, brass, pouch ...	36	24	36	24	8	4
Straps, black, frogs ...	...	...	18	12	...	...
Straps, buff, frogs, infantry ...	18	12	...	...	...	...
Straps, pouch, draw, hogskin ...	18	12	18	12	4	2
Straps, shoulder, black ...	...	...	18	12	4	2
Straps, shoulder, buff ...	18	12	...	...	4	2
Straps, valise, black, 13-in. by ¾-in ...	18	12	18	12	4	2
Thongs, black ...	—	—	50	38	—	—
Thongs, white ...	43	30	—	—	10	5

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Tools and Appointments, Pioneers.

N.B.—These appointments will not be supplied to Regimental Depôts.

TABLE 7.	Battalions. Peace and War.										
	Serjeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
TOOLS.												
Woolwich Section 1.												
Bars, pinching, 2 feet 10 inches	...	...	1	...	...	...	...	...	...	...	...	1
Saws, hand, 20-inch	...	...	...	...	...	...	...	...	...	1	...	1
Woolwich Section 2.												
Axes hand, 2 lbs.	...	...	...	...	...	...	1	1	1	1	1	5
Axes felling, curved helve	1	...	...	1	...	...	1	...	...	1	1	5
Axes, pick heads, $2\frac{3}{4}$ lbs....	...	1	...	...	1	1	...	1	1	...	...	5
Axes, pick helves, 29 inches	...	1	...	...	1	1	...	1	1	...	...	5
Hooks, bill	...	1	1	1	1	1	...	...	...	...	...	5
Shovels, light cast-steel	...	1	1	1	1	1	1	1	1	...	...	8
TOOLS, SHOEING SMITHS.												
Woolwich Section 7.												
Buffers, farriers ..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Hammers, farriers, shoeing ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Section 8.												
Knives, drawing, farriers..... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
54 Gen. No. 7406 38407 **Pincers**, farriers, pairs ... to be carried in No. 2 case	...	...	...	...	...	...	...	...	...	...	1	1
Pritchels, farriers ..... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Rasps, farriers, 14-inch ... to be carried in No. 1 case	...	...	...	...	...	...	...	...	...	...	1	1
Woolwich Section 10.												
Equip. 1709 **Nails**, shoe, horse, No. 8‡... to be carried in No. 1 case	...	...	...	...	..	...	...	...	...	...	10	10
TOOLS, SMALL.												
Woolwich Section 1.												
Augers, screw, common, 1-inch, 17 inches long ...	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Section 7.												
Chisels, hand, cold, $\frac{3}{4}$-inch by 8-inch	1	...	...	...	...	...	...	...	...	...	...	1
Chisels, socket, $1\frac{1}{4}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Files, saw, 3 square, hand, $5\frac{1}{2}$-inch	1	...	...	...	...	...	...	...	...	...	...	1
Hammers, claw, 20-oz.	1	...	...	...	...	...	...	...	...	...	...	1
Woolwich Section 16.												
Spikes, gun, common	2	2	2	2	2	2	2	2	2	2	2	22
APPOINTMENTS.												
Woolwich Section 1.												
Caps, hand axe, black* *or* brown†	...	...	...	...	...	...	1	1	1	...	1	4
Gen. No. 6675 **Cases**, black... bill hook	...	1	1	1	1	1	...	...	...	...	...	5
Cases, black... hand axe and 20-inch saw	...	...	...	...	...	...	...	...	...	1	...	1
Cases black with loops, tools: shoeing, black loops* No. 1	...	...	...	...	...	...	...	...	...	...	1	1
Cases black with loops, tools: shoeing, black loops* *or* buff loops† ... ,, 2	...	...	...	...	...	...	...	...	...	...	1	1
Cases black with loops, tools: small, black loops* *or* buff loops†	1	...	...	...	...	...	...	...	...	...	...	1
Cases pinching bar, black* *or* buff†: butt	...	...	1	...	...	...	...	...	...	...	...	1
Cases pinching bar, black* *or* buff†: point	...	...	1	...	...	...	...	...	...	...	...	1

* For rifles. † Except rifles.

‡ Size of shoe for which required to be stated when demanding.

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Appointments, Pioneers—*continued.*

TABLE 7—*continued.*	Battalions. Peace and War.											
	Serjeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	Total.
Woolwich Section 1—continued.												
Frogs, black* *or* buff,† hand axe	...	...	...	...	...	...	1	1	1	...	1	4
Pouches, ammunition, brown, pistol, infantry † or black* (for gun spikes)‡	...	1	1	1	1	1	1	1	1	...	...	8
Straps, black* *or* buff,† V.E., O.P., mess tin (for connecting felling axes, picks, and shovels).	...	2	...	2	2	2	2	2	2	...	...	14

* For rifles. † Except rifles.

‡ No pouch is issued for the sergeant pioneer, nor for Nos. 9 and 10, as their gun-spikes are carried in pockets on their respective leather cases.

Regimental Transport.

(*Referred to in paragraphs* 140 *to* 142, *Part* 1, *Equipment Regulations,* 1898.)

TABLE 8.	Peace.	War.
CARTS AND WAGONS.		
Woolwich Section 2.		
Axes { felling, curved helve	1 per wagon ...	1 per wagon and Maltese cart.
Axes { pick { heads, 6½-lbs.	1 per wagon ...	1 per wagon and Maltese cart.
Axes { pick { helves, 34½ inches	1 per wagon ...	1 per wagon and Maltese cart.
Buckets, water, G.S. { canvas	...	6 per S.A.A. cart.
Buckets, water, G.S. { leather	1 per cart and 2 per wagon.	As for peace.
Hooks { bill	1 per G.S. wagon	1 per wagon and Maltese cart.
Hooks { reaping, large	1 per forage cart and 2 per wagon	1 per S.A.A. cart, and 2 per wagon.
Shovels, universal	1 per wagon ...	1 per wagon and Maltese cart.
Spades, N.P.	1 per wagon ...	1 per wagon and Maltese cart.
Woolwich Section 4.		
Carts { ammunition, small arms	...	4 per battalion.
Carts { forage	1 per battalion...	As for peace.
Carts { Maltese, Mark V*	...	1 per battalion.
Covers { cart { Maltese	...	1 per Maltese cart.
Covers { cart { forage	1 per forage cart	As for peace.
Covers { wagon, G.S.	1 per G.S. wagon	As for peace.
Hoops, bale { cart, forage ... ... sets	1 per forage cart	As for peace.
Hoops, bale { wagon, G.S. ... ... ,,	1 per G.S. wagon	As for peace.
Pins, linch, 3rd class (spare)	1 per forage cart or G.S. wagon	1 per Maltese or forage cart or G.S. wagon.
Poles, draught, No. 7 (spare)	...	1 per battalion.
Swingletrees, No. 3 ... ... (spare)	1 per G.S. wagon	As for peace.

NOTE.- Articles of regimental transport issued to Battalions for use in peace time, also orm part of the unit's war equipment. In time of peace, wagons and carts will be turned out fully equipped, with all stores belonging to them, only when they are to be taken on parade, or if special orders are given to that effect.

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Regimental Transport—*continued.*

TABLE S—*continued.*	Peace.	War.
Woolwich Section 4—continued.		
Wagons, G.S., lock under (Mark III or IV with pole)	1 per battalion	4 per battalion.
Washers, drag, 3rd class B. (spare)	1 per forage cart or G.S. wagon	1 per forage or Maltese cart or G.S. wagon.
Wheels, 3rd class, for G.S. wagons { fore (spare)	...	1 per battalion.
Wheels, 3rd class, for G.S. wagons { hind „	...	1 per battalion.
Woolwich Section 7.		
Drivers, screw, G.S., 6-in.	...	1 per S.A.A. cart.
Hammers, claw, 14-oz.	...	1 per S.A.A. cart.
Woolwich Section 8.		
54 Gen. No. 6533 7158 **Pincers,** carpenters... ... ... pairs	...	1 per S.A.A. cart.
Spanners, McMahon, 9-inch	1 per forage cart	1 per forage and S.A.A. cart.
Woolwich Section 10.		
Jacks, lifting, G.S. (Mark III)	1 per battalion	As for peace.
Woolwich Section 13.		
Pins { linch, 2nd class, steel (spare)	...	1 per S.A.A. cart.
Pins { „ 3rd class „ („)	1 per G.S. wagon and forage cart	1 per G.S. wagon, forage and Maltese cart.
Shafts { No. 1, near (for S.A.A. cart, spare) ...	...	1 „ „
Shafts { „ 2, off („ „ „) ...	...	1 „ „
Washers { drag, 2nd class C. (spare)	...	1 per S.A.A. cart.
Washers { „ 3rd „ B. („)	1 per G.S. wagon and forage cart	1 per G.S. wagon, forage and Maltese cart.
Woolwich Section 18.		
Cordage, tarred, spun yarn, hemp, 3-thread lbs.	5 per cart or wagon	As for peace.
Lashings { white, 1-inch, 30-ft.	2 per forage cart	2 per S.A.A. or forage cart.
Lashings { tarred, 1½-inch, 16-ft.	...	4 per Maltese cart.
Woolwich Section 3.		
Stretchers, ambulance, Mark IV or V	...	1 per company.
HARNESS AND SADDLERY.		
Woolwich Section 5.		
Harness, G.S., transport, wheel. (*See* Part I for detail of sets.) { near ... sets	1 per battalion	1 per forage and S.A.A. cart, 2 per wagon, and 2 spare.
Harness, G.S., transport, wheel. (*See* Part I for detail of sets.) { off ... ... „	2 per battalion	1 per cart, 2 per wagon, and 2 spare.
Girths, luggage, pieces extending	...	App. VIIIA, Part I, Eq. Reg.
Surcingles, leather harness, straps extending	...	App. VIIIA, Part I, Eq. Reg.
Reins, driving, long ... ... sets	1 per G.S. wagon	As for peace.
Whips, driving	1 per G.S. wagon	As for peace.
Woolwich Section 6.		
Saddlery, universal, R.A.... ... ... sets	1 per battalion (*see* Part I for detail of sets)	2 per battalion.

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Regimental Transport—*continued.*

TABLE 8—*continued.*	Peace.	War.
PACKSADDLERY.		
Woolwich Section 27.		
Packsaddlery, G.S., Mark III, small ... sets	2 per battalion (*see* Part, I Eq. Reg. for detail of sets)	As for peace.
SHOEING TOOLS.		
Woolwich Section 7.		
Aprons, basil, white...	1 per battalion	Pioneer equipment only, *vide* page 8.
Bags, tool, farriers		
Buffers, farriers		
Hammers, farriers, shoeing		
Woolwich Section 8.		
Knives { drawing, farriers	1 per battalion	
Knives { searching ,, ...		
Pincers, farriers		
Pritchels, farriers		
Rasps, farriers, 16-inch		
Stones, rag, farriers, Mark I		
Woolwich Section 25.		
Stamps, steel, for metal, $\frac{3}{16}$ inch { figures 0 to 8 ... ... sets	1 per battalion	N
Stamps, steel, for metal, $\frac{3}{16}$ inch { letters ... ... ,,		
STABLE NECESSARIES.		
Woolwich Section 5.		
Bags, nose, G.S.	1 per horse and mule	As for peace.
Brushes { harness, hard	2 per battalion	1 per double set of harness.
Brushes { horse	1 per horse and mule	As for peace.
Combs, curry, Mark II		
Couples, trace	1 per wagon ...	
Pickers, hoof	1 per mounted N.C.O. and man.	
Sacks, corn, 4-bushel, canvas	1 per battalion	1 per 12 horses and mules
Scissors, trimming	3 per battalion	1 per 15 public horses.
Sponges, G.S....	1 per horse ...	1 per riding horse and 2 per draught horse.
CLEANING MATERIALS AND MISCELLANEOUS ARTICLES.		
Woolwich Section 4.		
Brushes, water, carriage	1 per cart and wagon	1 per vehicle.
Pans, oil	1 per battalion.	

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Regimental Transport—*continued.*

TABLE 8—*continued.*	Peace.	War.
Woolwich Section 11.		
Grease, Field's (for wheels) lbs.	18 per battalion	6 lbs. per wagon, and 3 lbs. per cart.
Oil, rape (for harness, saddlery and packsaddlery)... ... qts.	4½ per battalion	½ pt. per set of H. and S. per annum
Soap { soft (for harness, saddlery and packsaddlery) lbs.	25 per battalion	1½ lbs. ,, ,, ,, } With 1 bar of hard soap per set of pack-saddlery.
Soap { yellow (for harness, saddlery and packsaddlery) bars	15 per battalion	⅝ bar ,, ,, ,,
Dubbing (for harness, saddlery and packsaddlery)... ... lbs.	3½ per battalion	⅛ lb. ,, ,, ,,
Woolwich Section 18.		
Ropes, drag, light ... ... pairs	1 per forage cart or G.S. wagon	1 per cart or wagon.
Woolwich Section 25.		
Irons, branding, ⅜ inch, figures 0 to 8 (for branding army numbers on regimental transport horses) ... ... sets	1 per battalion	As for peace.
Boards, inventory	1 per G.S. wagon or forage cart	1 per G.S. wagon, S.A.A., Maltese, or forage cart.
Knives, opening tins	...	2 per wagon carrying preserved meat.
Linen, old (for cleaning) ... lbs.	1 per battalion.	

N.B.—The consumable stores shown in the above table are shown as a 12 months' supply.

For details of Harness, Saddlery, and Packsaddlery, *see* **Part 1, Equipment Regulations.**

Signalling Equipment.

TABLE 9.	Per Battalion. Peace.	Per Battalion. War.	Remarks.
Woolwich Section 11.			
Oxygen mixture* ... ... lbs.	104†	45	
Methylated spirits* ... ... pints	50†	16	
Woolwich Section 25.			
Scissors, lamp	4	2	Including 2 for limelight apparatus.
Woolwich Section 28.			
Apparatus, limelight* { bags { gas	4	...	
bags { pressure	2	...	
bottles, cleansing gas	2	...	
can, tin	2	...	
cases { brass	2	...	
cases { tin	2	...	
cylinders, lime pencils	2	...	
flasks	2	...	
lamps	2	...	
pencils ... ... doz.	2	...	
retorts, copper	4	...	
spanners	1	...	For each retort.

* To be returned to store on embarkation of battalion to India.
† Twelve months' supply.

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Signalling Equipment—*continued.*

TABLE 9—*continued.*	Per Battalion. Peace.	Per Battalion. War.	War.	
Woolwich Section 28—continued.				
Boxes, signalling stores	...	2		
Cans, oil, feeding, army signalling...	1	2		
Cases, message book	2	2	On waist belt.	38407 / Equip. / 1720
Cotton, waste ... ... lbs.	3§	3		
Flags, signal — army†† — blue — 3 feet square... ...	4	6		
Flags, signal — army†† — blue — 2 ,, ,, ...	4	6		
Flags, signal — army†† — white, with stripe — 3 feet square	4	6		
Flags, signal — army†† — white, with stripe — 2 ,, ,,	4	6		
Flags, signal — army†† — poles — 5 feet 6 inches ...	10	13		
Flags, signal — army†† — poles — 3 ,, 6 ,, ...	10	13		
Flags, signal — semaphore —	24	24		54 / Signallers / 43
Flags, signal — semaphore — poles	24	24		
Heliographs, 5-inch (with stand)*	2	...		
Lamps, bull's eye, signal (with stand)	4	4		
Panniers, signalling — No. 1...	2	...		
Panniers, signalling — No. 2...	2	...		
Stands, telescope, signalling...	2	2		
Telescopes, signalling	2	2		54 / Gen. No. / 6919
Tubing, india rubber, ⅜-inch* ... yards	10	...	Annual supply.	
Wheels, cypher	2	2		
Woolwich Section 29.				
Keys, dummy, signallers'	2	...		
Binoculars	2	2		54 / Signallers / 66
,, cases	2	2		
Not in Vocabulary.				
Cards, test‖	50	...		
Books, Manual of instruction‖	4	...	295 A. (*i*) with 2 sheets of carbon paper each.	
Message forms‖...	600	...		
Oil, colza† ... ... pints	60§	...		
Wick† — common* ... ... lb.	2‡	...		
Wick† — round, 1½-inch ... ... yards	10§	...		

* To be returned to store on embarkation of battalion for India.
† Supplied by Army Service Corps. ‡ Twelve months' supply.
§ Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion. ‖ Supplied from the War Office on requisition.
†† The proportion of each description of flag may be departed from when local conditions render this course advisable, but the total of 16 per Battalion must not be exceeded.

Range-finders.

TABLE 10.	Per Battalion, Peace and War.	Remarks.	
Woolwich Section 29.			
Mekometers, infantry — left	4	5 yds. of spare cord will be supplied with each set.	54 / Art. / 5767
right			
cords and reels ... ... sets			

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Sect. I. Infantry.

Musical Instruments.

TABLE 11.	Battalions (Peace and War).	Regimental Depôts.	Remarks.
Woolwich Section 29.			1 per serjeant bugler and 2 per company in light infantry and rifles.
Bugles ... ... } **Strings**, bugle, Royal or green* }	8	2†	
Cases — drum, brass, large	8	2	These (except tuning forks and pitch pipes) are not supplied to Light Infantry or Rifles.§
Cases — flute — B	6	2	
Cases — flute — F	2	...	
Cases — piccolo — (E♭)	1	...	
Cases — piccolo — (F)	1	...	
Drums — side, brass, large	8	2	
Drums — ,, sticks ... ... pairs	8	2	
Drums — silent‡	4‖	1	
Flutes — B	6	2	
Flutes — F	2	...	
Piccolos — E♭	1	...	
Piccolos — F	1	...	
Pitch pipes	1‖	1	
Tuning forks	1‖	1	

* Regiments termed "Royal," or designated as "King's," "Queen's," "King's Own," "Queen's Own"; also the Guards, and the Somerset Light Infantry, have *Royal* strings; the remainder, including the Rifles, have *Green* strings.

† Two bugles in addition are allowed to regimental depôts when both battalions are abroad.

‡ The Service drum-sticks are to be used with the silent drums.

§ Nor to regimental depôts composed partly of light infantry. A drum with sticks is allowed to light infantry regimental depôts, and regimental depôts composed partly of light infantry, for beating time in drilling recruits.

‖ For peace only.

Camp Equipment and Intrenching Tools. (War Only.)

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TABLE 12.	General Proportions.	
Woolwich Section 2.		
Axes — felling, curved helve ...	18 per battalion.	
Axes — hammer-headed	1 per 2 mules.	
Axes — hand, 2-lb.	12 / 20 per battalion.	
Bags, sand, common...	1 per lantern.	
Boxes, candle, F.S.	1 per 2 mules.	
Buckets, water, G.S., canvas ...	4 per battalion.	
Cans, oil, 3¾-pint	1 per 2 mules.	
Cords, forage	40 / 20 per battalion.	
Hooks — bill		
Hooks — reaping, large		
Kettles, camp, oval, 12-quart	*Field Service.* Per 15 N.C.O. and men ... 1; Per 3 officers 1; And 2 for tins of oil and grease.	*Standing Camps.* Per 8 N.C.O. and men ... 1
Lanterns, tent, folding	1 per company, 2 for head-quarters of battalion, and 2 spare.	
Mallets, heel-peg	1 per 3 officers' horses, 1 per 8 other horses.	
Mauls, G.S., Mark III	1 per battalion.	
Nets, forage ... ... pairs	1 per horse.	

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Camp Equipment and Intrenching Tools. (War Only)—*continued.*

TABLE 12—*continued.*	General Proportions.
Woolwich Section 2—contd.	
Pads, surcingle	1 per public service horse, and 1 per mule.
Panniers, grocery, with padlocks and keys	9 per battalion.
Pegs, picketing, with rope loop ...	2 per horse and 1 per mule.
Pins, picketing	1 per mule.
Ropes { head, cotton	1 per horse.
Ropes { heel	1 per horse, 1 per 2 mules, and 15 per cent. spare for unruly horses (estimated at 15 per cent. of the establishment).
Ropes { picketing, 4-ft. 9-in. ...	1 per horse.
Rugs, horse, small	2 per battalion.
Sheets, field, cavalry (or valise-bags in lieu)	1 per transport serjeant.
Tents, circular, single, linen, complete*	*Field Service.* Headquarters 7; Officers per company ... 1; Per 15 N.C.O. and men ... 1; For medical purposes ... 1. *Standing Camps.* Per Field Officer ... ... 1; Per 2 other officers ... 1; Per 12 N.C.O. and men .. 1; Miscellaneous 12
Tent, racks, arm	1 per N.C.O. and man's tent.
Tins, dubbing or grease	4 per battalion.
TOOLS, &c., FOR INTRENCHING.	
Axes, pick { heads, 6½-lb.	20
Axes, pick { helves, 34½-in.... ...	20
Bars, crow, 3-ft. 6-in.	12 } per battalion.
Shovels, universal	20
Spades, N.P.	4
Woolwich Section 3.	
Panniers, intrenching tools ...	2 per battalion.
Stretchers, ambulance, Mark V ...	1 per company.
Woolwich Section 7.	
Files, saw, 3-square { cross-cut, 7-in.	1
Files, saw, 3-square { hand, 5½-in. ...	2
Grindstones, F.S., 10-in.	1 } per battalion.
Hammers { claw, 28-oz.	2
Hammers { sledge, smiths', 12-lb.	1
Woolwich Section 8.	
Levels, F.S., 4-ft.	1
Pliers, side-cutting ... ... pairs	2
Saws { cross-cut, 5-ft. { blades ...	1
Saws { cross-cut, 5-ft. { handles ...	2
Saws { hand, 26-in.	2 } per battalion.
Saws { tenon, 14-in. (butchery implement)	2
Sets, saw { hand	1
Sets, saw { pit	1

* Blankets, G.S. (1 per W.O., N.C.O., and man), and tents are not provided for troops actually in the field for home service, but may be specially ordered for campaigning abroad.

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Camp Equipment and Intrenching Tools. (War Only)—*continued.*

TABLE 12—*continued.*	General Proportions.
Woolwich Section 10.	
NOT IN VOCABULARY.	
Nails, wire, French { 4-in. ... lbs.	7 } per battalion.
6 ,, ... ,,	7
Woolwich Section 18.	
Blocks, malleable, iron, 4-in. { double... ...	1
snatch... ...	1
Cordage { tarred, spun yarn, hemp, 3-thread lbs.	14 } per battalion.
white, haw- { 1½-in. fms.	20
ser, 3-strand { 1 ,, ,,	36
Ropes, drag, heavy	2
Woolwich Section 26.	
Balances, spring { 80-lb.	6
4 ,, ...	2
Implements, butchers' { cases, wood, Mark II	2
sheets, ground (unserviceable)	2
choppers, meat	2
hooks, butchers', dressing ...	12 } per battalion.
knives, { cutting	2
butchers' { flaying, large ...	2
steels, butchers'...	2
steelyards, 56-lb.	2
Stones, rag	2

Camp Equipment and Intrenching Tools. (Peace.)

Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Part 1, Equipment Regulations.

Tools, Artificers, and Opening Packages.

TABLE 13.	Battalions. Peace.	Battalions. War.	Regimental Depôts.	Remarks.
Woolwich Section 7.				
Chests, tool, filled* { No. 1 B	2	...	...	For details of contents, *see* Appendix V, Part 1, Eq. Reg.
,, 3 B	3	...	...	
,, 6 B	1	...	...	
,, 11 D	1	...	...	
,, 12 C	1	...	...	
,, 12 D	1	...	...	
Panniers, filled, with padlocks and keys, cavalry and infantry, carpenters'	...	1	...	For details of contents, *see* page 30.
Chisels, ripping	1	1	1	Opening packages
Drivers, screw, G.S., { 9-inch ...	1	1	1	
6-inch ...	...	4	...	Opening S.A.A. boxes.

**See* paragraph 245, Part 1, Equipment Regulations.

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Tools, Artificers, and Opening Packages—*continued.*

TABLE 13—*continued.*	Battalions. Peace.	Battalions. War.	Regimental Depôts.	Remarks.
Woolwich Section 7—contd.				
Files, saw, 3-square, cross-cut, 7½-in.	...	1	...	
Files, saw, 3-square, hand, 5½-in. ...	...	2	...	
Hammers, claw, 28-oz.	...	2	...	Opening packages.
Hammers, claw, 20-oz.	...	1	...	Opening packages.
Hammers, claw, 14-oz.	...	4	...	Opening packages.
Hammers, fitters', 24-oz.	1	1	1	
Hammers, sledge, smiths', 12-lb. ...	...	1	...	
Grindstones, F.S., 10-in.	...	1	...	
Grindstones, 30-in, ...	...	1*	...	
Woolwich Section 8.				
Knives, half round	...	1	...	For fitting harness.
Knives, laboratory	1	1	1	Opening packages.
Levels, F.S., 4-ft.	...	1	...	
Pincers, carpenters	...	4	...	
Pouches, oval, Nos. 21	...	1	...	For fitting harness.
Pouches, oval, Nos. 24	...	1	...	For fitting harness.
Pouches, oval, Nos. 26	...	1	...	For fitting harness.
Sets, saw, hand	...	1	...	
Sets, saw, pit	...	1	...	
Tools, edge, No. 2	...	1	...	For fitting harness.

* For sharpening swords and sword bayonets on mobilization. To be returned to Army Ordnance Department before the unit leaves for place of concentration.

Stencil Brushes and Plates, and Stamps.

TABLE 14.	Battalions (Peace)	Regimental Depôts.	Remarks.
FOR BLACK ACCOUTREMENTS.			
Woolwich Section 25.			
Stamps, steel, for wood, ¼-inch, figures, 0 to 8 ... sets	1	1	For Rifle corps.
Stamps, steel, for wood, ¼-inch, letters, regimental initial ...	1	...	For Rifle corps.
Stamps, steel, for wood, ¼-inch, letters, R.D.	...	1	For Rifle corps.
FOR BUFF ACCOUTREMENTS.			
Woolwich Section 25.			
Stamps, brass or gunmetal on wood, ¼-inch figures, 0 to 8 ... ... sets	1*	1	Except for Rifle Corps.
Typeholders	2	2	Except for Rifle Corps.
Blocks, wood	2	2	Except for Rifle Corps.
Typeholders, type, figures, ¼-in. numeral, battalion ...	1	...	Except for Rifle Corps.
Typeholders, type, figures, ¼-in. numeral, R.D.	...	1	Except for Rifle Corps.
Typeholders, type, letters ¼-in. (regimental initial)* ...	1	...	Except for Rifle Corps.
Typeholders, type, letters ¼-in. R.D.	...	1	Except for Rifle Corps.
Typeholders, type, letters $\frac{3}{16}$-inch (regimental terminal)	1	...	Except for Rifle Corps.

* Peace only.

38407 Equip. 1709

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Stencil Brushes and Plates, and Stamps—*continued.*

TABLE 14—*continued.*	Battalions (Peace).	Regimental Depôts.	Remarks.
FOR VALISES.			
Woolwich Section 25.			
Brushes, stencil	...	...	2 per company
Plates, stencil, paper	...	...	
FOR ENAMELLED IRON WATER-BOTTLES.			
38407 Equip. 1728 A.O. 9 1897			
Woolwich Section 25.			
Stamps, copper, inlaid, ½-inch — figures 0 to 8 sets	1	1	
Stamps, copper, inlaid, ½-inch — letters — regimental initial	1	...	
Stamps, copper, inlaid, ½-inch — letters — R.D.	...	1	
FOR SMALL ARMS.			
Weedon Section.			
Stamps, steel — for metal, letters, 1 letter, $\frac{5}{64}$-inch (regimental terminal)	*	...	
Woolwich Section 25.			
Stamps, steel, for metal — figures, sets 0 to 8, ⅛-inch	*	...	The ordinary stamps required for marking arms are included in Appendix IV, Part 1, Equipt. Regs., 1898.
Stamps, steel, for metal — letters — 1 letter, ⅛ inch (regimental initial)	*	...	
Stamps, steel, for metal — letters — 2 letter, ⅛-inch (R.D.)	...	†	

* These stamps will be issued on loan, as required, under paragraph 280 Part 1, Equipment Regulations, 1898.

† The letters R.D. will be issued on demand for the use of armourers employed in marking the arms of Regimental Districts.

N.B.—The "Guards" will have also the letters G., C. G., or S. G., one per battalion.

Miscellaneous Stores and Instruments.

TABLE 15.	Battalions. (Peace and War.)
Weedon Section.	
Boxes, tool, filled, regimental armourers ...	1 per Battalion (*see* Appendix IV, Part 1, Equipment Regulations, 1898.
Chests, or cases, rifle, regimental, M.L.M.*† ...	*See* paragraph 139, Part 1, Equipment Regulations, 1898. A peace supply only.
38407 Equip. 1728	
Woolwich Section 1.	
Bags, squad‡	1 per 25 N.C. officers and men, for peace only.
Handcuffs, common* ... ... pairs	1 per company for peace and war, and 1 spare per battalion for peace only.

38407 Equip. 1820

* To be returned to store on embarkation of battalion for India.

† 1 per regimental depôt company (if required).

‡ To be returned to store on embarkation of battalion for abroad.

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Miscellaneous Stores and Instruments—*continued.*

TABLE 15—*continued.*	Battalion, (Peace and War)	
		57 Gen. No.
Woolwich Section 2.		
Implements, intrenching	48 per company.	7926
Axes, pick, intrenching‡	16 per company.	57
Shovels, intrenching‡	32 per company.	Aldershot
Boxes, stationery, field *	2 per battalion.*	5627
Woolwich Section 10.		57 Malta
Nails, horse shoe }	For general instructions to guide the supply of horse shoes and nails, *see* Section VII, Part 1, Equipment Regulations, 1898. For war, 1 set per horse, and 15 per cent. of that establishment spare.	933
Shoes, horse (spare) }		
Woolwich Section 11.		
Dubbing...	½ lb. per squad bag per annum (peace only).	
Woolwich Section 25.		
Chests, school material	1 per battalion for peace only.	
Woolwich Section 29.		
Instruments, drawing, musketry instructors...	1 per battalion (for peace only).	

* To be returned to store on embarkation of battalion for India.
‡ These tools will be issued when store of intrenching implements is exhausted.

Instruments for Field Sketching.

(*Referred to in paragraph* 262, *Part* 1, *Equipment Regulations*, 1898.)

TABLE 16.	Per Battalion. (Peace only.)	Remarks.	54 Cav. Gen. No.
			1069
Woolwich Section 29.			7350
Boards, sketching	6		4356
Compasses { magnetic, pocket	2		
prismatic, G.S.	2		
drawing, shifting leg, pen and pencil legs, in case...	6		
Protractors, ivory, 6 inch	6		
Scales, mathematical, No. 3, Marquoi ... ... sets	3		
Not in Vocabulary.			
Conventional signs ‖	6		

‖ Supplied from the War Office on requisition.

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Machine Guns.

(*Referred to in Paragraphs* 143 *to* 150, *Part* 1, *Equipment Regulations*, 1898.)

	TABLE 17.	Proportions with 1 gun, Peace and War.
38407 / Equipt. / 1874		
	Weedon Section.	
40116 / 5103	**Reflectors**, mirror	1
	Swivels, butt, M.L.M., rifle	4§
	Woolwich Section 2.	
	Slings, rifle (mounted infantry pattern)	4‖
	Woolwich Section 5.	
	Harness, machine gun, Infantry ... ... sets	1*
	Woolwich Section 13.	
	Carriages, field machine gun, Infantry, Maxim	1
54	*Woolwich Section* 16.	
3 Gren. Gds. / 480	**Guns**, Maxim, ·303 inch, complete	1
	Locks, skeleton (brass)	‡

* For details *see* Part I, Equipment Regulations, 1898.
‡ One for instructional purposes, peace only.
§ For battalions in possession of Mark I* M.L.M. rifles, not required for "Rifle" battalions. ‖ Except Rifle battalions.

List of Stores issued with Guns, Machine, Maxim, ·303 inch.

	TABLE 18.	No. per Gun, Peace and War.
40116 / 4177 / 54	*Woolwich Section* 16.	
Machine Guns / 192	**Barrels**	*
	Belts, ammunition (250 rounds)	16
	Box, spare parts, &c., containing the following:—	1
	Foxes, tin, for eyelets, strips, &c.	2
	Blocks, feed	1
	Chains, fusee, with fittings	2
	Corks, for plug	2
304 / Para. 8941 / L. of C.	Eyelets, repairing belts ... ... ozs.	½
	Gibs	2
	Hammers	1
	Handles, crank	1
	Levers, extractor, left	1
77	,, ,, right	1
6	Locks, complete	1
3088	Packings, asbestos, pieces 11 inches long	4
	,, ,, ,, 5 yards ,, ...	2
	Pins, firing	2
54	,, axis, lock spring	2
Machine Guns / 184	,, ,, sear	2
	,, ,, trigger	2
	,, ,, tumbler (steel)	4
	,, fixing axis pins	24
	,, ,, extractor, spring	4
	,, ,, fusee, chains	2
	Plug, cork, complete	†
§8943 L. of C.	Strips, long } repairing belts	25
	,, short } repairing belts	25
	Sights, tangent, complete	1

* See para. 144, Part 1, Equipment Regulations, 1898. † One for every 2 guns.

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List of Stores issued with Guns, Machine, Maxim, ·303 inch—*continued.*

TABLE 18—*continued.*	No. per Gun, Peace and War.
Box (*continued*)—	
Sights, fore	1
Sears	1
Springs, buffer	4
,, feed block	4
,, cover	4
,, ,, lock	2
,, connecting rod	2
,, ejector tube (steel)	2
,, extractor	2
,, firing lever*	2
,, fusee complete with fittings	2
,, gib	2
,, lock	4
,, feed block, slide	4
,, sear	2
,, shutter†	2
,, side plate	2
,, safety catch	2
,, tangent sight	2
,, tangent sight slide	2
,, trigger bar†	2
Trigger	1
Tumblers	1
Bags, water, and nozzle, with cap and chain	1
Balance spring	1
Drivers, screw, large	1
,, ,, small	1
,, ,, bent	1
Funnels	1
Keys, gib, gun metal valve	1
,, ,, muzzle protector and check nut‡	1
,, ,, gun metal, gland, and adjusting screw‡	1
,, ,, cup muzzle and casing‡	1
Plugs, clearing, Mark II.	1
Punches, Nos. 1, 2, 3, and 4	4
Pliers, cutting ... pairs	1
Spanners, shifting	1
Tools, belt repairing	1
Vessels, water, brass ... sets	1
Wrenches, pin	1
Plugs, belt, Maxim, ·303 inch	§
‖**Rod**, cleaning	1

38407 Equip. 1759

* Guns manufactured before 1897 had no "springs firing lever."

† Only supplied for guns which have no "springs firing lever," and which have the original pattern of shutter.

‡ The issue to the service of the attachment and gib keys belonging to it is at present suspended.

§ One per battalion to be carried in box of spare parts.

‖ Carried on Gun Carriage.

38407 Equip. 1759

List of Stores issued with Carriage, Field, Machine Gun, Infantry.

TABLE 19.	No. per Carriage, Peace and War.
Woolwich Section 2.	
Axes — felling, curved helve	1
Axes — pick — heads, 6½ lbs.	1
Axes — pick — helves, 34½ inches	1
Spades, N.P.	2

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List of Stores issued with Carriage, Field, Machine Gun, Infantry—*continued.*

	TABLE 19—*continued.*	No. per Carriage, Peace and War.
	Woolwich Section 8.	
	Spanners, McMahon, 12-inch	1
	Woolwich Section 13.	
	Boxes, grease, 3 lb. tin*	1
	,, tin, for tow*	1
	Cans, water*	1
	,, lubricating, No. 9	1
8897 L. of C.	**Covers,** leather, oil can*	1
	Holdalls*	1
	Pockets { leather, for feeding block*	1
	,, ,, gun lock*	1
54	,, ,, joint pins*	1
Machine Guns	**Swingletree,** No. 6* {	1
	spare	1
402		
54	*Woolwich Section* 16.	
Machine Guns	**Boxes,** belt, ammunition, Maxim, No. 2 (or No. 3 ‖)	16†
	Chests, Maxim, ·303 inch, ammunition belts	2
192		
8216 L. of C.	*Woolwich Section* 18.	
	Ropes, drag, light, carriage, field, M.G., Infantry ... ... pairs	1
	Woolwich Section 11.	
	Grease, Fields' ... ... lbs.	‡
	SPARE PARTS.	
	Woolwich Section 4.	
38407	**Pins,** linch, 3rd Class {	1
Equip.	split‖	1
	Ties, linch-pin	2
1730	**Washers,** drag, 3rd Class	1
	Woolwich Section 13.	
	Bolts, with nuts, securing top shield	1
	Handle, jamming { pivot ‖	1
	elevating‖	1
	Keys, clip, elevating bracket‖	1
	Nuts, 1-inch, bolt, bracket pivot	1
	Pins { joint { crosshead	1
	elevating gear	1
	taper { ·1875 in. by 1·625 in.	2
	·2 in by 2 in	2
	shaft‖	1
	Propstieks, complete...	1¶
	Screws, elevating‖	1
	Shafts { near, No. 28§	1
	off, No. 29§	1
	No. 36‖§	1
	,, 37‖§	1
	Springs { catch, securing carrier...	1
	flat, clamp traversing	1

* Issued with the carriage.
† Will carry 4,000 rounds of ·303 inch ammunition.
‡ 3 lbs. per wheel per annum for peace, 3 lbs. per carriage for war.
§ To be carried on the G.S. wagon for stores of the battalion.
¶ Not required for Mark II carriages.
‖ For Mark II carriages only.

NOTE.—Materials for cleaning and oiling machine guns and their carriages are supplied in the proportions laid down in Para. 150, Part I, Equipment Regulations, 1898.

71
1
6789
54
Machine Guns
131

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List of Stores issued with Carriage, Field, Machine Gun, Infantry—*continued.*

TABLE 19—*continued.*	No. per Carriage, Peace and War.
Woolwich Section 14.	
Keys, split, round loop ·2 in. by 1·75 in.	2
·25 ,, ,, 2·5 ,, ...	2
·15 ,, ,, 1·75 ,, ...	2
·1875 in. by 1·75 in.	2
·125 ,, ,, 1·25 ,, ‖	1

‖ For Mark II carriages only.

Stable Necessaries.

TABLE 20.	No. in a set.
Woolwich Section 5.	
Vide scale on page 11.	
Straps, kicking*	—
MISCELLANEOUS STORES.	
Woolwich Section 11.	
Oil, rape, **Soap** hard, **Soap** soft, **Dubbing** — proportions per set of machine gun harness: quarts 1; bars 2½; lbs. 6; ,, ½	

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1766

* May be drawn when required.

TABLE 21. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy note.
239	Regimental equipment	Account ledger.
281	Regimental repairs	Daily work book.
282		Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
G 968	Camp equipment	Requisition.
G 973		Account (*temporary use*).
G 997	Equipment in general (*blank*)	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 980		Carrier's note.
G 1027	Materials for repair in general (*blank*)	Requisition.
G 815	Ammunition, small arm	Requisition.
G 804	,, blank, for reviews ..	Requisition.

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HONG KONG REGIMENT.

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Arms.

TABLE 1.	Per Battalion.
WEEDON SECTION.	
MARTINI-ENFIELD.	
Rifles, M.-E., Mk. I.	1 per havildar and rank and file, except band.*
Protectors, front-sight, M.L.M. rifle ...	1 per M.-E. rifle and 5% spare.
Pull-throughs	1 per M.-E. rifle and 5% spare.
Reflectors, mirror	25 per battalion.
Rods, clearing,† rifle "C"	1 per M.-E. rifle.
Bayonets, M.-E....	1 per M.-E. rifle and 5 spare.
Scabbards, bayonet, M.-H., long	1 per bayonet and spare bayonet.
MARTINI-HENRY.	
Rifles { M.-H., D.P. (long or short butts as required)...	50 for the battalion.
Jags, M.-H., brass	1 per M.-H. D.P. rifle.
Rifles, M.-H., M.T.	2 per company for aiming tubes.
Tubes, aiming { Martini-Henry rifle	2 per company.
brushes, cleaning	
keys, Martini-Henry	
rods, cleaning, rifle...	
sights, fore, false, M.-H. rifle ...	
Pistols { Webley	1 per native officer and staff havildar.
„ rods, cleaning	
Swords, S.S., pattern 1889, gilt hilt... ...	1 per native officer and staff havildar. 1 including drum-major.
Scabbards, sword, S.S., pattern 1889 ...	1 per native officer and staff havildar, including drum-major.
Not shown in Vocabulary.	
Scabbards, sword, drummers', native pattern‡	1 per drummer and musician.
Sword, drummers', native pattern‡... ...	1 per drummer and musician.

54
Hong Kong Inf.
42

* There are no Pioneers in the Hong Kong Regiment.
† In time of peace clearing rods will be in possession of havildars and naiques only.
‡ Will be obtained from India.

The Drill Havildar, Quarter-Master Havildar, Armourer Havildar, Band Havildar, and Drum-Major, are equipped with Staff-Serjeants' swords.

Ammunition.

TABLE 2.	Per Battalion. Service.	Per Battalion. Practice.
Woolwich Section 23.		
Cartridges, aiming tube	... ...	In accordance with Indian Musketry Regulations.
Cartridges, small arm { ball, { pistol, Webley ...	12 per pistol ...	
ball, ·303	20 per rifle	
blank, ·303	... ...	
dummy drill	... ...	800

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Articles for Musketry Instruction.

As detailed in Part I, Equipment Regulations, 1898.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Part I, Equipment Regulations, 1898.

Accoutrements.

	TABLE 3.	Per Battalion.
	Woolwich Section 1.	
54 / 1/43 / 93	**Bottles** water, enamelled iron	1 per native officer, and 1 per non-commissioned officer and man.
	Bottles zinc, oil...	1 per rifle and 5°/o spare.
38407 / Equip. / 1876	**Cases**, brown, pistol	1 per pistol
	Carriages, drum, brown	1 per side drum.
	Chains, with end rings...	1 per water bottle and 3°/o spare.
54 / Hong Kong / 42	**Corks**, complete, without chains	1 per water bottle and 5°/o spare.
	Frogs brown, bayonet	1 per bayonet.
	Frogs intrenching implement *	1 per implement.
	Knots, sword, brown, Infantry	1 per sword.
	Pouches, ammunition, brown, pistol, Infantry	1 per pistol.
	Slings, rifle, brown, Infantry...	1 per rifle.
	Straps, water bottle, dismounted services...	1 per water bottle.
	Whistles, Infantry, Mark III	1 per native officer and havildar, except quarter-master havildar, armourer havildar, band havildar and drum-major
	Not in Vocabulary.	
	Aprons, leg, brown	1 per side drum.
	Belts waist, brown (native officer) ...	1 per native officer and staff havildar.
	Belts shoulder, brown, native Infantry ...	1 per drummer and musician.
	Belts waist, brown, M.E., N.I.	1 per havildar and rank and file and 3 spare.
38407 / Equip. / 1876	**Braces**, brown, M.E., N.I.	1 per havildar and rank and file, including drummers and musicians.
	Cases brown, fife	1 per fife.
	Cases brown, oil bottle	1 per oil bottle.
	Frogs, brown, fife case	1 per fife case.
	Pouches, ammunition, brown M.E., N.I. ... 30 rounds; with tubes ... 20 ,, ; without tubes... 20 ,,	1 each per havildar, and 1 per rank and file.
	Straps, brown, M.E. braces, sets of 4 ... ; great coat pairs	1 set per havildar and rank and file. Havildars and rank and file.

* Or when pick-axes and shovels, intrenching are issued :—

Carriage, black or buff { axe, pick, intrenching / shovel } 1 per pick or shovel.

N.B.—Articles of Indian pattern mentioned in this Table will be obtained from India.

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Articles for Repairs of Accoutrements.

TABLE 4.	Battalion above 600 R. & F.	12 Months' Supply.
Woolwich Section 1.		
Thongs, brown rifle sling	60	
Not in Vocabulary.		
Buckles, brass, frog, M.E., N.I.	2	
Carriages, waist belt, long	1	
brown, M.E., N.I. short	1	
Dees, brass, pouch, M.E., N.I.	36	
Fronts, frog, brown, M.E., N.I.	16	
Leather, buffalo, tanned and curried ...	—	1 hide per company.
pieces cow ,, ,, ...	—	
Hooks, gilt, side, Infantry, M.E., N.I. ...	1	
Safes, waist belt, brown, Infantry, serjeants and R. and file, M.E., N.I.	18	
Straps, brown, frog, Infantry, M.E., N.I....	18	
Studs, brass, ammunition pouches, M.E., N.I....	33	

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N.B —Articles of India pattern mentioned in this Table will be obtained from India.

Signalling Equipment, as for Infantry of the Line (*see* Table 9).

Range Finders, as for Infantry of the Line (*see* Table 10).

Musical Instruments.

TABLE 5.	Per Battalion.	Remarks.
Woolwich Section 29.		
Bugles...	8	
Strings, bugle, green		
Cases drums, brass, large	8	
flute B	6	
flute F	2	
piccolo E♭	1	
piccolo F	1	
Drums, side brass, large	8	
sticks	8	The service drum sticks are to be used with the silent drums.
silent	4	
Flutes B	6	
Flutes F	2	
Piccolo E♭	1	
Piccolo F	1	
Pitch pipes	1	
Tuning forks	1	

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Tools, Artificers, and opening Packages.

TABLE 6.	Per Battalion.	Remarks.
WEEDON SECTION.		
Tools, armourers ... ... set	1	As detailed in the Equipment Regulations, Part I.
Woolwich Section 7.		
Chisels, ripping	1	Opening packages.
Drivers, screw, G.S., 9 in.	1	
Hammers, fitters, 24 ozs....	1	
Woolwich Section 8.		
Knives, laboratory	1	

Stamps.

TABLE 7.	Per Battalion.	Remarks.
Woolwich Section 25.		
Stamps steel, for wood, ¼-inch, figures, 0 to 8 sets	1	
Stamps steel, for wood, ¼-inch, letters, 3 letters (H K R)...	1	

Miscellaneous Stores and Instruments.

TABLE 8.	Per Battalion.	Remarks.
WEEDON SECTION.		
38407 / Equip. / 1/25 **Chests** or Cases, rifle, regimental, M.L.-M. ...	...	*See* paragraph 139, Part 1, Equipment Regulations, 1898.
Woolwich Section 1.		
Handcuffs, common ... ... pairs		

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Miscellaneous Stores and Instruments—*continued.*

TABLE S—*continued.*	Per Battalion.	Remarks.
Woolwich Section 2.		
Implements, intrenching	48	per company.
Axes, pick, intrenching*	16	per company.
Shovels, intrenching*	32	per company.
Woolwich Section 25.		
Chests, school materials	1	See Section XII, Part I, Equipment Regulations, 1898.
Woolwich Section 29.		
Instruments, drawing, musketry instructors ...	1	
Stores not in Vocabulary.		
Balance, spring	1	
Bells, large	1	
Chests, treasure, small	2	
Colours camp, J.P.	24	
Colours camp, poles	24	
Mallets, large	1	
Scales, weighing, iron beam, triangle, 1 cwt. (for bell, large)	1	
Sticks, pace	12	

57
Gen. No.
7926

* These tools will be issued when store of intrenching implements is exhausted.

Army Books and Forms for Equipment, as for Infantry of the Line, see Table 20.

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Articles.	No.
Woolwich Section 3.	
Panniers, General Stores	1
Woolwich Section 7.	
Augers 1-inch	1
Augers $\frac{3}{4}$ „	1
Augers handles 16-inch	1
Augers handles 13½ „	1
Awls, brad blades	6
Awls, brad handles, large	2
Baskets, tool	1
Cans, oil, lubricating, armourers'	1
Chisels firmer, ¼-inch	1
Chisels hand, cold, ¾-inch × 8-inch	1
Chisels socket, ¾-inch	1
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G.S., 12-inch	1
Files, saw, three-square, hand, 5½-inch	3
Gimlets common	3
Gimlets spike, $\frac{5}{16}$-inch	2
Hammers, riveting, 24-oz.	2
Handles, file, small	2
Woolwich Section 8.	
Knives, drawing, carpenters'	1
Pencils, carpenters'	6
Pincers, carpenters' .... pairs	1
Planes, smoothing, G.S.	1
Punches, carpenters', small....	1
Rules, collarmakers', 4-fold....	2
Saws, hand, 24-inch	1
Sets, saw, hand	1
Shaves, spoke, 3¼-inch	1
Spanners, McMahon, 15-inch	1
Squares, carpenters', 9-inch....	1
Stones, oil, carpenters'	1

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Pannier, Tools and Materials, filled, Carpenters' (Cavalry and Infantry) —*continued.*

Articles.				No.
Woolwich Section 10.				
Locks, pad, brass, small		....	....	2
Nails, steel	clasp, cut	No. 62	lb.	½
		,, 63	,,	½
		,, 64	,,	1
	rosehead, wrought	,, 121	,,	½
		,, 122	,,	½
		,, 123	,,	1
Screws, iron, flat head	1-inch gauge	No. 8	....	36
	1 ,, ,,	,, 12	....	36
	1½ ,, ,,	,, 11	....	36
	1½ ,, ,,	,, 13	....	36
	2 ,, ,,	,, 13	....	36
	2 ,, ,,	,, 14	....	36
	2½ ,, ,,	,, 14	....	36
	2½ ,, ,,	,, 16	....	36
Woolwich Section 11.				
Bottles, tin, oil, with screw top, 2 quarts			....	1
Glue, best, town made			lb.	2
Woolwich Section 26.				
Stones	rag		....	1
	rub, scythe		....	1

Weight of pannier, packed, 80 lbs.

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REGULATIONS

54
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FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION Ia.

MOUNTED INFANTRY.

WAR OFFICE, 1898.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HER MAJESTY.

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DETAILS OF EQUIPMENT FOR INSTRUCTIONAL PURPOSES.

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Sect. Ia. Mounted Infantry.

The following Regimental Equipment will be brought by each man of a detachment for training as Mounted Infantry.

TABLE 1.	
Weedon Section.	
Scabbard, sword-bayonet ..	1
Sword-bayonet	1
Woolwich Section No. 1.	
Belt, waist, G.S.	1
Bottles, water	1
Frogs, sword-bayonet	1
Rifle, complete	1 (clearing rods in the proportion laid down).
Slings, rifle	1 (rifle battalions only).
Straps, water bottle	1

Arms and Equipment of Mounted Infantry Staff.

TABLE 2.	
Weedon Section.	
Pistols webley ..	1 for acting sergt.-major, farrier staff sergt., saddler sergt., orderly room clerk (when not a staff clerk), and riding instructors. These N.C. officers being borne supernumerary to the establishments of their battalions and regiments respectively, are not in possession of arms from those units.
Pistols ,, rods, clearing	
Swords, cavalry, pattern '90	
Scabbards, sword, cavalry, pattern '85, Mark II	
Rifle, magazine, Lee-Metford, Mark I* or II	1 for each infantry private attached.
Sword-bayonets, pattern '88	
Scabbard, sword-bayonet, pattern '88	
Woolwich Section No. 1.	
Bandoliers, ·303, leather ..	1 per rifle.
Belts pouch, buff, cavalry, line, S.S.	1 for each staff sergeant.
Belts waist cavalry, line, S.S.	1 for each staff sergeant.
Belts waist buff cavalry, pattern '88	1 for each riding instructor.
Belts waist buff V.E., pattern '88	1 for each infantry private attached.
Belts waist brown, pistol, cavalry ..	1 per pistol.

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Arms and Equipment of Mounted Infantry Staff—*continued.*

TABLE 2—*continued.*	
Woolwich Section No. 1—continued.	
Bottles, water, enamelled ..	1 per man.
Cases, brown, pistol, L.S. ..	1 per pistol.
Frogs, buff, bayonet, N.P. ..	1 per sword-bayonet.
Knots, sword, buff, G.S... ..	1 per sword.
Lanyards, pistol	1 per pistol.
Pouches, ammunition, brown, pistol, infantry	1 per pistol.
Straps, water bottle, buff ..	1 per water bottle.
Slings, rifle, buff	1 per rifle.
Woolwich Section No. 6.	
Frogs, sword, saddle	1 (as for arms above).

Ammunition.

For supply of Ammunition, see Part I of Equipment Regulations.

Accoutrements for men under training and material for repairs of accoutrements (in addition to those referred to in Table 1).

TABLE 3.	
Woolwich Section No. 1.	
Bandoliers, leather, ·303 ammunition..	1 for non-commissioned officer and man under training, and for each infantry soldier employed as assistant instructor.
Slings, rifle*	
MATERIAL FOR REPAIR.	
Woolwich Section No. 1.	
Bandoliers :—	
Buckles, brass, 2¼-inch	5
Buckles, brass, ⅝-inch	12
Dees, brass, ⅝-inch	12
Studs, brass, with washer ..	30

Annual supply for 150 Bandoliers.

* Rifle battalions bring their own.

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Mekometers.

TABLE 4.	
Woolwich Section No. 29.	
Mekometers left .. .. / right .. .. / cords and reels sets	2 per head-quarters.

Harness and Saddlery.

(*For detail of sets of harness and saddlery, see Part I. of Equipment Regulations.*)

TABLE 5.	
Woolwich Section No. 5.	
Harness, transport, wheel, near sets / off ,,	1 per forage cart.
Saddlery, officers.. .. ,,	1 for each officer.
Woolwich Section No. 6.	
Saddlery, universal .. sets	1 per cob or company horse.

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Material for Repair of Harness and Saddlery.

TABLE 6.	Per 120 horses.	Remarks.
Woolwich Section No. 6.		
Attachments, V, girth .. .. pairs	10	
Basils, brown — strained	1	For saddlery (including officers'), 1 set harness.
Basils, brown — unstrained	2	2 set M.G. harness.
Bosses — breastplate	3	
Bosses — head collar, officers'	1	
Buckles — brass, roller — double — $1\frac{1}{8}$-inch	2	
Buckles — brass, roller — double — 1 ,, ...	1	
Buckles — brass, roller — double — $\frac{7}{8}$,, ...	1	
Buckles — brass, roller — double — $\frac{3}{4}$,, ...	14	
Buckles — brass, roller — double — $\frac{5}{8}$,, ...	1	
Buckles — brass, roller — single, $\frac{3}{4}$-inch	10	
Buckles — iron, roller — barred, $1\frac{1}{4}$-inch, curved ..	12	
Buckles — iron, roller — double — $1\frac{1}{4}$,, head collar ..	12	
Buckles — iron, roller — double — 1 ,, ...	12	
Buckles — iron, roller — double — $\frac{7}{8}$,, ...	18	
Buckles — iron, roller — single — $1\frac{3}{4}$,, bow leg ..	1	
Buckles — iron, roller — single — $1\frac{3}{4}$,, straight leg ..	1	
Buckles — iron, roller — single — $1\frac{1}{2}$,, ...	2	
Buckles — iron, roller — single — 1 ,, barred ..	12	
Buckles — iron, roller — single — $\frac{7}{8}$,, ...	2	
Buckles — iron, roller — single — $\frac{3}{4}$,, ...	1	
Buckles — iron, roller — single — $\frac{5}{8}$,, ...	10	
Buckles — iron, tinned — inlet — $1\frac{1}{8}$-inch	5	
Buckles — iron, tinned — inlet — $\frac{5}{8}$,, ...	2	
Buckles — iron, tinned — $1\frac{1}{4}$-inch V-girth attachment	5	
Buckles — nickel — double, 1-inch	1	For cavalry machine gun harness.
Buckles — nickel — single — $1\frac{1}{2}$-inch	1	For cavalry machine gun harness.
Buckles — nickel — single — $1\frac{1}{4}$,, ...	1	For cavalry machine gun harness.
Buckles — nickel — single — 1 ,, ...	1	For cavalry machine gun harness.
Buckles — nickel — single — $\frac{7}{8}$,, ...	1	For cavalry machine gun harness.
Buckles — nickel — single — $\frac{3}{4}$,, ...	1	For cavalry machine gun harness.
Dees, nickel, $1\frac{1}{2}$-inch	1	For cavalry machine gun harness.
Cord — cotton .. .. .. yds.	1	For loops of drivers' whips.
Cord — whip .. .. .. lbs.	$\frac{1}{4}$	
Felt — brown, 43 inches .. .. yds.	$\frac{3}{4}$	
Felt — cuttings .. .. .. lbs.	10	
Hair, horse, saddlery*	—	
Hides, brown — backs — bridle	$1\frac{1}{2}$	
Hides, brown — backs — collar	$3\frac{3}{4}$	
Hides, brown — backs — heavy	$\frac{1}{4}$	
Hides, brown — cloak	$\frac{1}{3}$	

* For hair pannels only, at the rate of 7 lbs. for 25 pairs.

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Material for Repair of Harness and Saddlery—*continued.*

TABLE 6—*continued.*	Per 120 horses.	Remarks.
Woolwich Section No. 6—cont.		
Hooks, curb, reversible bit	20	
Rings brass 1-inch	1	
Rings brass $1\frac{1}{4}$,, ...	1	
Rings brass $1\frac{1}{2}$,, ...	1	
Rings iron $1\frac{3}{4}$,, stout	3	
Rings iron $1\frac{3}{4}$,, slight	5	
Rings iron snipe bill	1	
Serge, collarmakers'*	—	
Squares brass	1	
Squares iron	12	
Strips, leather, for pipes, trace wheel ..	—	When specially ordered.
Studs breastplate, patt. '84	12	
Studs frog, sword saddle	1	
Studs wallet	20	
Thread black, 3-cord .. .. ozs.	4	
Thread flax, fine .. .. lbs.	10	
Thread whited brown .. ,,	†	
Twine, quilting‡ .. .. .. ,,	$\frac{1}{2}$	For re-whipping head ropes.
Washers, copper..	50	
Web diaper, 2-inch .. .. yds.	15	For repairing horse brushes and curry combs.
Web straining .. .. .. ,,	48	
Web worsted, blue, $3\frac{1}{4}$-inch .. ,,	$1\frac{1}{2}$	
Woolwich Section No. 8.		
Paper, glass, middling .. .. sheets	4	
Pencils, carpenters'	2	
Wire copper, No. 7, W.G. hard lbs.	$\frac{1}{2}$	
Wire iron ,, 1, ,, ,, ,,	2	
Wire iron ,, 4, ,, ,, ,,	3	
Wire iron ,, 5, ,, soft ,,	3	
Wire iron ,, 7, ,, ,, ,,	2	
Woolwich Section No. 9.		
Spelter, brass .. .. .. ozs.	6	

* For hair pannels only, $2\frac{1}{4}$ yards for each 25 saddles.
† 1 oz. per 5 pairs hair pannels.
‡ And $\frac{1}{2}$ oz. additional for each pair hair pannels in possession.

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Material for Repair of Harness and Saddlery—*continued.*

TABLE 6—*continued.*	Per 120 horses.	Remarks.
Woolwich Section No. 10.		
Nails, steel { clout, wrought, flathead, fine, No. 90 .. lbs.	1½	
Nails, steel { tacks, cut, No. 197 ,,	3	
Screws, iron, flathead { ¾-inch, g. 10 ..	16	
Screws, iron, flathead { ⅝ ,, g. 9 ..	90	
Woolwich Section No. 11.		
Borax, refined .. .. .. lbs.	1	
Dubbing .. .. ,,	90	*For saddlery.
Dubbing .. .. ,,	1½	For harness.
Flour .. .. ,,	2	
Glue, best, town made .. .. ,,	2	
Ink, marking .. .. .. pints	3	
Oil, rape .. .. qts.	30	For saddlery.
Oil, rape .. .. qts.	3	For harness.
Soap { soft .. .. .. lbs.†	60	For saddlery.
Soap { soft .. .. .. lbs.†	12	For harness.
Soap { yellow, hard .. .. bars	303	For saddlery.
Soap { yellow, hard .. .. bars	12½	For harness.
Wax { bees .. .. .. ,,	¾	
Wax { black .. .. .. bs.	3	
Woolwich Section No. 18.		
Canvas, sail, No. 3 .. .. yds.	4	
Twine, packing .. .. .. ozs.	4	
Woolwich Section No. 26.		
Rivets, hosepipe, ⅝-inch, g. 6	20	For V attachment.
Washers, hosepipe	20	For V attachment.
Not in Vocabulary.		
Blankets, old, pieces of .. .. lbs.	16	
Collars, head { plates, brass	25	
Collars, head { rivets, brass	300	
Collars, head { studs for plates ..	16	
Dees, iron, tinned, 2¼-inch	3	
Linen, old { (for cleaning) .. lbs.	30	
Linen, old { (for repairing corn sacks and nosebags) .. lbs.	11	

* ½ lb. additional for each squad bag in possession is allowed.
† Half a bar of hard soap may be drawn in lieu of each lb. of soft soap.

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Material for Repair of Officers' Saddletrees.

TABLE 7.		Per 10 sets annually.	Remarks.
Woolwich Section No. 6.			
HARNESS AND SADDLERY.			
Saddletrees—			
Burrs, brass		8	
Cantles		1	
Dee, with brass-plated chape		1	
Plates	crupper, brass	1	
	front, brass	1	
	front, steel, inside	1	
	top, brass	1	
	gullet, steel	1	
Rivets, copper	long	12	
	short	15	
Screws, brass, fine	doz.	1	
Staples	crupper, brass..	1	
	front, brass	1	
	girth	1	
	wallet, N.P.	4	
Washers		2	
Woolwich Section No. 8.			
Wire, iron, soft, No. 7, W.G. ..	ozs.	6	
Woolwich Section No. 10.			
Screws, brass, ⅝-inch, g. 13		4	
Woolwich Section No. 11.			
Glue, best, town made	lbs.	½	

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Material for Repair of Universal Saddletrees.

TABLE 8.	Per 120 saddles.	Remarks.
Woolwich Section No. 6.		
HARNESS AND SADDLERY.		
Saddletrees—		
Arches, steel — front	3	
Arches, steel — hind	2	
Bars, side, shaped, universal, steel arch — near ..	6	
Bars, side, shaped, universal, steel arch — off ..	6	
Dees or links, wallet	12	
Flaps, universal .. .. .. pairs	4	
Plates — for dees, or links, wallet ..	12	
Plates — with buckle and crupper link	1	
Plates — with stirrup link	6	
Rivets, iron, 2-inch	125	
Seats, steel-arch, pattern 1890.. ..	6	
Staples, girth	1	
Woolwich Section No. 11.		
Paint, black, lamp, prepared .. lbs.	1	
Oil, linseed, raw .. .. .. pint	½	For side bars newly put into saddletrees regimentally.
Varnish, spirit, shellac .. .. ,,	1	

STABLE NECESSARIES.

TABLE 9.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse.
Brushes — harness, hard ..	1 per double set of harness per annum.
Brushes — horse	1 per horse. Supplied yearly on 1st April.
Combs, curry	Ditto.
Pickers, hoof	1 per N.C.O. and man.
Scissors, trimming	8 per company.
Sponges, G.S.	1 per riding horse. Supplied on 1st April, yearly. 2 per draught horse yearly. Supplied on 1st April.

N.B.—Equitation articles and materials for preservation of the same, if necessary, to be issued in the same proportions as for a regiment of cavalry of the line, *vide* Tables 12 and 13, Section II, Equipment Regulations, Part II.

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TOOLS, ARTIFICERS, AND OPENING PACKAGES.

TABLE 10.	
Woolwich Section No. 7.	
Aprons, basil, brown	6 per company.
Chests, tool, filled — 5A. Collarmakers' and saddlers'	1 per headquarters.
Chests, tool, filled — 8. Saddlers' ..	1 per each company.
Chests, tool, filled — 7. Farriers' ..	1 per each company.
Chisels, ripping	1 for headquarters for opening packages.
Drivers, screw, G.S., 9-inch ..	1 for headquarters for opening packages.
Hammers, fitters', 24-oz. ..	1 for headquarters for opening packages.
Knives, laboratory	1 for headquarters for opening packages.

MISCELLANEOUS ARTICLES.

TABLE 11.	
Woolwich Section No. 1.	
Handcuffs .. .. pairs	1 per company.
Woolwich Section No. 2.	
Boxes, stationery, field	2 per headquarters.
Woolwich Section No. 5.	
Brushes, water, carriage	1 per machine gun carriage. 1 per forage cart.
Woolwich Section No. 11.	
Irons, branding — figures 0 to 8, $\frac{5}{8}$-in. sets of 9	1 per company.
Irons, branding — 1 letter, $\frac{1}{2}$-in. (A.B.C. D.M.I.) .. sets	1 per company.
Stamps, steel for metal, $\frac{1}{8}$-in. — figures, 0 to 8 ,,	1 per company.
Stamps, steel for metal, $\frac{1}{8}$-in. — letters (M.I.) ,,	1 per company.

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Picketing Gear (for instructional purposes).

TABLE 12.

Woolwich Section No. 2		
Mallets, heel, peg	16	per Company for the purpose of practising picketing horses.
Nets, hay	120	
Pegs picketing..	120	
Pegs ,, with loop ..	20	
Ropes heel	120	
Ropes picketing, 4 ft. 9 in...	120	
Mallets, heel, peg	1	ditto per M.G. Section.
Nets, hay	4	
Pegs picketing..	4	
Pegs ,, with loop ..	2	
Ropes heel	4	
Ropes picketing, 4 ft. 9 in. ..	4	

Veterinary Stores (referred to in Para. 264, Part I of Equipment Regulations).

TABLE 13.

Woolwich Section No. 2.		
Blankets, horse, brown.. ..	4 for each 120 horses.	
Pad, surcingle	4 ,, ,,	If Mark II blankets are issued these will not be required.
Surcingles, web, cavalry ..	4 ,, ,,	

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Regimental Transport.

TABLE 14.	
Woolwich Section No. 4.	
Carts, forage	1 To be horsed by machine gun horses for mounted Infantry use when this can be done without detriment to the training of machine gun sections.
Covers, cart, forage	1
Hoops, bale, cart, forage.. sets	1
Pins, linch, 3rd class (spare) ..	1
Swingletrees, No. 3	2
Washers, drag, 3rd class (spare)	1
Woolwich Section No. 10.	
Jacks, lifting, G.S.	1 for use with machine gun carriages and forage cart.

Miscellaneous Tools.

(*For Aldershot only.*)

TABLE 15.	
Woolwich Section No. 7.	
Cards, towsing	1 per headquarters (use in saddler's shop).
Clams, collarmakers' ..	
Woolwich Section No. 8.	
Vices bench, saddletreemakers'	1 per headquarters (use in saddler's shop).
Vices standing, 36 lbs... ..	1 per headquarters (use in farrier's shop).

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Harness, Guns, and Carriages for Machine Gun Detachments.

TABLE 16.	
Woolwich Section No. 5.	
Harness, machine gun, cavalry { near sets / off ,, }	1 per machine gun. For details, *see* Part I, Equipment Regulations.
Woolwich Section No. 13.	
Carriages, field, machine gun, cavalry, maxim	1 per gun, including stores issued with M.G. carriage and spare parts, *vide* Table 22, Section I, Part II, Equipment Regulations.
Woolwich Section No. 16.	
Guns, maxim, ·303-inch, complete	2 including stores issued with M.G., *vide* Table 22, Section I, Part II, Equipment Regulations.

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Despatch No.....

AMERICAN EMBASSY,
LONDON.

Dec. 28 1898

Lieut. Col. A. E. Bates,
Deputy Paymaster General,
Military Attaché.

LONDON:
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54 Household Bde.
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Arms.

	TABLE 1.	General Proportions. Peace and War.
	Weedon Section.	
54 / Cavalry Gen. No.	**Bottles**, oil, M.-L.-M. rifle (and carbine)	1 per carbine and 5°/₀ spare.
	Carbines, M.-L.-M., cavalry	1 per rank and file, except band.
1052 / 54	**Pull-throughs**	1 per carbine and 5°/₀ spare.
	Reflectors,* mirror	17 per regiment.
1 | 43	**Rods**, clearing, ·303-in. arms, carbine, patt. B† ...	1 per carbine.
93 / 54 / 1 | 43 / 93		
54 / Cavalry. / 4 / 38407 / Equipt. / 1803	**Pistols**, Webley	1 per regimental corporal-major, quartermaster-corporal-major, farrier quartermaster-corporal, corporal instructor in fencing, squadron corporal-major rough rider, squadron corporal-major, squadron quartermaster-corporal, orderly-room corporal, paymaster-corporal, corporal trumpeter, saddler, corporal corporal cook, armourer corporal, corporal of horse, farrier, corporal and trumpeter.
	,, ,, ... rods, cleaning	1 per pistol.
	Scabbards, sword / **Swords** ... } household, cavalry, patt. '92	1 per warrant officer, non-commissioned officer, and man.
	Tubes, aiming { M.-L.-M. carbine ... ... / brushes, cleaning ... ... / rods, cleaning, carbine ... ... }	4 per squadron.
	Carbines, M.-L.-M., M.T.	4 per squadron, for aiming tubes.
	Cuirasses	1 per warrant officer, non-commissioned officer, and man, except band.
	Woolwich Section 1.	
	Covers, cuirass, canvas tan	1 per cuirass.

* For examining interior of barrels.

† Clearing rods will be issued with all ·303 service arms, but in time of peace will be in possession of corporals only, those for other ranks being withdrawn and kept on regimental charge.

Articles for Musketry Instruction.

These are supplied in accordance with paragraph 138, Part 1, Equipment Regulations, 1898.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII., Part 1, Equipment Regulations 1898.

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Materials for Repair of Swords and Scabbards.
(Per Regiment.)

TABLE 2.	Annually.
Weedon Section.	
Scabbards, sword—	
Linings, cavalry, patt. '85, Mark II....	5 per cent.
Mouthpieces, cavalry, patt. '85, Mark II.	2 ,,
Rings, household cavalry, patt. '92	5 ,,
Screws, mouthpiece, cavalry, patt. '85	10 ,,
Tips, shoe, cavalry	10 ,,
Swords, grips, household cavalry, patt. '92	4 ,,

N.B.—Other materials, not included in the above list, will be supplied on demand when required.

Materials for Repair of Cuirasses.
(Per Regiment.)

TABLE 3.	12 Months' Supply. 400 men.	Remarks.
Weedon Section.		
Cuirasses — Bindings — back — left	12	
Bindings — back — right	12	
Bindings — front — left	12	
Bindings — front — right	12	
Rivets, scale, shoulder strap	144	
Studs ... conical	144	
Studs ... flat	24	
Studs ... front of cuirass, for shoulder strap	24	
Studs ... iron, shoulder strap	12	
Washers — rivet, scale, shoulder strap ...	144	
Washers — stud — conical edge	144	
Washers — stud — flat	24	
Washers — stud — front of cuirass, for shoulder strap ...	2	
Woolwich Section 6.		
Basils, brown, strained	4	For linings.
Thread, black, 3-cord ... ... lbs.	1	
Woolwich Section 9.		
Solder, tinman's ... ... lbs.	2	
Woolwich Section 11.		
Wax, bees' ... ... lbs.	1	
Not in Vocabulary.		
Cloth, blue ... ... yds.	4	For fringe.

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Accoutrements and Axes.

	TABLE 4.	General Proportions. Peace and War.
	Woolwich Section 1.	
54 Cavalry 4 38407 Equipt. 1803	**Belts**, pouch, buff, household cavalry: shoulder, buff, farriers	1 per farrier corporal.
	staff and band	1 per warrant officer, quartermaster-corporal-major, farrier quartermaster-corporal, corporal-instructor in fencing, squadron corporal-major rough rider, squadron corporal-major, squadron quartermaster-corporal, orderly-room corporal, paymaster-corporal, corporal trumpeter, saddler corporal, corporal cook, armourer corporal, trumpeter, drummer, and bandsman.
	rank and file	All other ranks, except corporal farriers.
	waist, buff, household cavalry	
§ 8856 L. of C.	**Bottles**, water, enamelled*	1 per warrant officer, non-commissioned officer, and man.
	Cases, brown, pistol, L.S.,...	1 per pistol.
	Knots, sword, buff, household cavalry	1 per warrant officer, non-commissioned officer, and man.
	Lanyards, pistol	1 per pistol.
54 Cavalry 4 38407 Equipt. 1803	**Pouches, ammunition**, black japanned, cavalry, household: staff and band	1 per warrant officer, quartermaster-corporal-major, farrier quartermaster-corporal, corporal-instructor in fencing, squadron corporal-major rough rider, squadron corporal-major, squadron quartermaster corporal, orderly-room corporal, paymaster-corporal, corporal trumpeter, saddler corporal, corporal cook, armourer corporal, trumpeter, drummer, and bandsman.
	rank and file	All other ranks, except corporal farrier.
54 Gen. No. 1013	buff: expense, carbine	1 per carbine.
	pistol, farriers, cavalry, line	1 per farrier corporal.
	Slings, carbine, cavalry	6 per squadron.
	Straps, buff, water-bottle, mo nted services ...	1 per water-bottle.
	Not in Vocabulary.	
	Axes, farriers, household cavalry	1 per farrier corporal.
	Caps, farrier's axe, black |...	1 per axe.

54 Cavalry 90 54 Gen. No. 7420

* For repair of the bottles the following materials will be allowed annually :—

Buff strips ... ... or	5 per cent. of bottles in possession with 2 rivets and washers per strip.
Chains, with end rings	3 per cent. of bottles in possession.
Corks	5 per cent. of bottles in possession.
Covers, water-bottle, enamelled ...	5 per cent. of bottles in possession.

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Articles for Repair of Accoutrements.
(*Per Regiment.*)

TABLE 5.	12 Months' Supply. 400 men.
Woolwich Section 1.	
Billets, black, pouch, cavalry, household	1
Billets, black, pouch, cavalry, line	16
Billets, buff, pouch belt, household cavalry, S. and B.	2
Billets, buff, pouch belt, household cavalry, R. and F.	20
Billets, waist belt, household cavalry, Mark II.	40
Buckles, brass, pouch belt, household cavalry, S. and B.	1
Buckles, brass, pouch belt, household cavalry, R. and F.	4
Buckles, brass, pouch belt billet	8
Buckles, brass, sword knot	8
Buckles, brass, waist belt, V.E., O.P., Rifles	8
Carriages, waist belt, buff, household cavalry, long, 33½ in. × 1 in.	20
Carriages, waist belt, buff, household cavalry, short, 15½ in. × 1 in.	20
Catches, waist belt, brass, household cavalry	8
Chapes, pouch, cavalry, household, S. and B.	2
Chapes, pouch, cavalry, line, O.R.	16
Cloth, scarlet ... pieces	400
Cord, flask, blue or scarlet ... yds.	400
Dees, brass, pouch, household cavalry	2
Hinges, pouch	16
Hooks, brass, side, household cavalry, Mark II.	8
Pieces, leather, buff, 5½ in. × ¾ in. (for waist belts)	16
Pieces, leather, buff, 3 ,, × ½ ,, (for sword knots)	16
Pieces, leather, buff, 1⅞ ,, × ½ ,, (for pouch belts)	8
Rings, brass, pouch	16
Slides, brass, pouch belt, household cavalry, S. and B.	1
Slides, brass, pouch belt, household cavalry, R. and F.	4
Studs, brass, pouch, cavalry	8
Studs, brass, pouch, belt, cavalry (for waist belt carriage)	20
Tabs, buff	8
Tips, brass, pouch belt, household cavalry, S. and B.	1
Tips, brass, pouch belt, household cavalry, R. and F.	4

Regimental Transport.

TABLE 6.	
Woolwich Section 2.	
Axes, felling, curved helve	One per wagon.
Axes, pick, head 6½ lbs.	One per wagon.
Axes, pick, helves	One per wagon.
Buckets, water, G.S., leather	Two per wagon.
Hooks, bill	One per wagon.
Shovels, universal	One per wagon.
Spades, N.P.	One per wagon.
Woolwich Section 4.	
Pins, linch, wagon, artillery (spare)	One per wagon.
Swingletrees, No. 7 (spare)	One per wagon.
Washers, drag, wagon, artillery (spare)	One per wagon.
Wagon, artillery, Mk. I*	One per regiment.
Woolwich Section 10.	
Jacks, lifting, G.S., Mk. III.	One per wagon.

* These wagons will be drawn by the squadron horses of the regiment.

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Sect. II. Household Cavalry.

Regimental Transport.—*continued.*

TABLE 6—*continued.*	
Woolwich Section 18.	
Cordage, tarred, spun yarn, hemp, 3-thread lbs.	Five per wagon.
Ropes, drag, light ... ... pairs	One per wagon.
Lashings, white, 1-inch, 30 ft.	Two per wagon.
Woolwich Section 25.	
Boards, inventory, without list	One per wagon.

Harness and Saddlery.

TABLE 7.	Regiments.
Woolwich Section 5.	
Harness, transport, wheel {near / off} ... ... sets	One per wagon.*
Woolwich Section 6.	
Saddlery, Household Cavalry ... ... sets	One per squadron horse.

* A pair of driving reins and a driving whip are allowed for each double set, and a kicking strap if required.

Saddlery, Household Cavalry, and Harness, General Service.

For details of sets *see* Part I, Equipment Regulations.

Saddlery, Household Cavalry, and Harness, General Service.

(List of spare articles.)

TABLE 8.	No. per Regiment.	
Woolwich Section 6.		
SADDLERY, HOUSEHOLD CAVALRY.		
Bits {bridoon with head and reins, Mark II	8	
Bits {portmouth	2	
Cases, horseshoe*	2	
Chains, collar	8	
Collars, head {parade	16	
Collars, head {stable	16	
Girth, web	4	
Leathers, stirrup*	8	
Numnahs, felt	4	
Reins, portmouth bit	2	
HARNESS, GENERAL SERVICE AND SADDLERY UNIVERSAL.		
Blankets, saddle, Mark III	8	
Irons, stirrup, G.S.	8	Household cavalry pattern will continue in use with saddlery until stock is exhausted.
Saddletrees, steel-arch, pattern '90 ...	3	In sizes 1, 2, 3, for fitting purposes.

* Universal pattern will be issued when stock H.C. is exhausted.

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MATERIALS FOR REPAIR OF HARNESS AND SADDLERY.

Articles Special to Saddlery, Household Cavalry.

TABLE 9.	12 Months' Supply per Regiment.	Remarks.
Woolwich Section 6.		
SADDLERY, HOUSEHOLD CAVALRY.		
Bits, bridoon, Mark II	6	
Bosses	34	
Buckles — brass — double — $1\frac{1}{2}$-inch	12	
Buckles — brass — double — 1-inch	28	
Buckles — brass — double — $\frac{7}{8}$-inch	39	
Buckles — brass — roller, single — $1\frac{3}{8}$-inch	28	
Buckles — brass — roller, single — $1\frac{1}{4}$-inch	28	
Buckles — brass — roller, single — $\frac{7}{8}$-inch	66	
Buckles — brass — roller, single — $\frac{5}{8}$-inch	88	
Buckles — iron, roller, short, $1\frac{3}{8}$-inch	40	
Buckles — iron tinned, inlet, $\frac{5}{8}$-inch	...	5 per cent. numnah pannels on charge.
Burrs, copper ... $\frac{1}{2}$-inch	500	
Burrs, copper ... $\frac{3}{8}$-inch	250	
Dees, iron japanned, $1\frac{1}{2}$-inch	30	
Ear-drops	30	
Hooks, spring	48	
Loops, brass	120	
Rings, iron, black, japanned, $1\frac{3}{4}$-inch	28	
Rivets ... $\frac{3}{4}$-inch	250	
Rivets ... $\frac{5}{8}$-inch	250	
Rivets ... $\frac{3}{8}$-inch	250	
Scales	80	
Squares — brass, $1\frac{1}{2}$-inch	28	
Squares — iron, black, japanned, $1\frac{1}{2}$-inch ...	28	
Stars	55	
Straps, girth, patt. '84	110	
Studs, parade head collar	55	
Facings, blue cloth, lambskin	28	For 2nd Life Guards.
Felt, black ... ... yds.	1	
,, ,, cuttings* ... ... lbs.	$12\frac{1}{2}$	
,, brown ... ... yds.	1	
,, ,, cuttings* ... ... lbs.	$12\frac{1}{2}$	
Hides, black, backs of — bridle	2	
Hides, black, backs of — collar	4	
Linen, black ... ... yds.	$13\frac{3}{4}$	
Web ... — hemp — 4-inch ... ... yds.	6	
Web ... — hemp — $1\frac{1}{4}$,, ... ,,	88	To replace brow bands of stable head collars once every 2 years, if required.
Web ... — straining† ... ... ,,	18	
Wire, copper ... No. 4 W.G. ... ... lbs.	$1\frac{3}{4}$	Studs brass bit, breast plate and crupper.
Wire, copper ... ,, 13 ,, ... ,,	$0\frac{7}{8}$	

For material for repair of saddletrees of steel arch saddles *see* Table 15, Cavalry of Line.

* If cuttings are not available, one yard of felt may be issued for 4 lbs of cuttings.

† 5 yards additional for each 25 steel arch saddles in possession.

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MATERIALS FOR REPAIR OF HARNESS AND SADDLERY.

Articles, General Service.

	TABLE 10.	12 Months' Supply per Regiment.	Remarks.
	Woolwich Section 1.		
	Hides, buff	½	For brow bands and girth loops
	Woolwich Section 6.		
	HARNESS AND SADDLERY.		
38407 Equipt. 6973	**Bits,** portmouth { chains, curb	40	
	hooks, curb	60	
	Buckles brass { roller, single, ¾-inch ...	15	
	inlet, ¾-inch	15	
	iron, roller, single { 1-inch, barred	45	
	¾ ,, ...	1	
	⅝ ,, ...	24	
	iron, tinned, inlet, 1⅛-inch	36	
54 R. H. Gds. 422	**Basils,** brown, unstrained...	2	
	Cord ... ... { cotton ... ...yards	1	For loops of drivers' whips.
	whip ... ... oz.	12	
	Hides, brown... { backs ... { bridle	½	Articles, general service
	collar	4	
	heavy*	1	
	cloak	1	
	Serge, collarmakers ... ... yds.	2	For Transport saddles.
	Skins, sheep†	14	Black, worn, for repairs. For 1st Life Gds. and R.H. Gds.
54 Gen. No. 7361 ... 7361	,, lamb, white†	14	For 2nd Life Guards.
	Thread { black, 3-cord ... ... lbs. ozs.	2 12	Not for 2nd Life Guards.
	flax, fine ... ... ,, ,,	11 0	
	whited brown ... ... ,, ,,	2 12	For 2nd Life Guards.
	Twine, quilting ... ... ozs.	8	
	Web, 1-inch, for white lamb skins yds.	36	For 2nd Life Guards.
	Not in Vocabulary.		
54 Cavalry 10	**Linen,** old { (for repair of corn sacks and nose bags) ... lbs. ozs.	27 10	
	Steel, pieces of (for repair of carbine buckets) ...	...	4 per cent. of the number of carbine buckets
	Blanket cuttings‡ ... ... lbs.	30	
	Woolwich Section 10.		
	Nails, steel, cut tacks, No. 197 ... lbs. ozs.	8 4	
	Woolwich Section 11.		
	Wax ... { bees' ... ... lbs.	1½	
	black ... ..., ,,	6	

* For harness. † Or pieces in bundles.
‡ For repair of saddle blankets.

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Materials for Repair of Harness and Saddlery—*continued.*

TABLE 10—*continued.*	12 Months' Supply per Regiment.	Remarks.
Woolwich Section 18.		
Canvas, sail, No. 3 (for repairing bottoms of nose bags) ... ... yds.	$9\frac{1}{4}$	
Woolwich Section 27.		
Worsted, grey* ... ... lbs.	$2\frac{3}{4}$	
Woolwich Section 36.		
Not in Vocabulary.		
Linen, old (for cleaning) ... ... lbs. ozs.	69 12	

* 4 ozs. for each additional 25 saddle blankets in possession.

57 Gen. No. 7361

57 Gen. No. 7361

Miscellaneous Articles.

The consumable materials in this Table are a 12 months supply.

TABLE 11.	Per Regiment.	Remarks.
Weedon Section.		
Chests, carbine, regimental, cavalry	8	*See* paragraph 139, Part 1, Equipment Regulations, 1898.
Woolwich Section 1.		
Handcuffs, common ... ... pairs	...	2 per squadron.
Woolwich Section 2.		
Boxes, stationery, field	2	
Woolwich Section 5.		
Brushes, water, carriage	...	1 per forage cart.
Woolwich Section 7.		
Paper, glass, middling ... ...sheets	8	
Pencils, carpenters	6	
Wire copper No. 1 W.G., soft ... lbs.	$4\frac{3}{4}$	Repairing metal work.
Wire copper ,, 7 ,, hard ... ,,	2	Repairing metal work.
Wire copper ,, 17 ,, soft ... ,,	2	Repairing metal work.
Wire iron No. 1 W.G., hard ... ,,	$4\frac{3}{4}$	Repairing metal work.
Wire iron ,, 4 ,, ,, ... ,,	$9\frac{1}{4}$	Repairing metal work.
Wire iron ,, 5 ,, soft ... ,,	$9\frac{1}{4}$	Repairing metal work.
Wire iron ,, 7 ,, hard ... ,,	$4\frac{3}{4}$	Repairing metal work.
Woolwich Section 9.		
Spelter, brass ... ... lbs.	$5\frac{1}{2}$	Repairing metal work.

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Miscellaneous Articles—*continued.*

TABLE 11—*continued.*	Per Regiment.	Remarks.
Woolwich Section 10.		
Nails, horse shoe	...	*See* "shoes, horse."
Screws, iron, flat head: $1\frac{3}{4}$ in., gauge No. 14	33	
$1\frac{1}{2}$ in., ,, 13	33	
$\frac{3}{4}$ in., ,, 10	33	
$\frac{5}{8}$ in., ,, 9	198	
Shoes, horse	...	For general instructions to guide the supply of horseshoes and nails, *see* Part 1, Equipment Regulations, 1898.
Woolwich Section 11.		
Borax, refined... ... ... lbs.	$3\frac{3}{4}$	Repairing metal work.
Dubbing ... ... lbs.	$206\frac{1}{2}$	Saddlery.
	1	Harness.
Flour ... ... ,,	4	
Glue, best, town made ... ... ,,	4	
Grease, Field's	6	
Ink, marking† ... ... pints	$6\frac{1}{2}$	
Mixture, stamping woollens‡		
38407 **Oil** ... linseed, raw ... ... quarts	$\frac{1}{2}$	
Equipt. rape ... ... ,,	2	Harness.
1717	$68\frac{3}{4}$	Saddlery.
Paint, prepared, lead color	*	For painting carts.
Soap, soft ... ... lbs.	12	For harness.
	$137\frac{1}{2}$	Saddlery.
,, yellow, hard ... ...bars	$694\frac{1}{2}$	Saddlery.
	5	Harness.
Woolwich Section 25.		
Chests, school materials	1	
Irons, branding: figures, 0 to 8, $\frac{5}{8}$ in. ... sets of 9	4	
letters, 1 letter, $\frac{5}{8}$ in. (A to D) ...	4	
Stamps: copper, inlaid, $\frac{1}{2}$-in.: figures, sets, 0 to 8	4	For regiments of Life Guards—4 letters L and 4 letters G; and for Royal Horse Guards—4 letters R, 4 letters H, and 4 letters G in addition. Stamps for marking arms are included in the detail of the armourers tools in Appendix IV., Part 1, Equipment Regulations, 1898.
letters, 1 letter (A to D)	4	
steel: for metal: figures, sets, 0 to 8, $\frac{1}{8}$-in.	4	
,, ,, ,, letters, 1 letter, $\frac{1}{8}$-in., A to D ... ... sets	4	
letters, 1 letter, $\frac{3}{16}$-in., A to D ... ... sets	4	
for wood: figures, sets, 0 to 8, $\frac{3}{16}$-in.	4	
letters, 1 letter, $\frac{3}{16}$-in., A to D	4	

* For quantity of paint biennially allowed for forage carts with cavalry, *see* Appendix VII, Part 1, Equipment Regulations, 1898.

N.B.—All patterns of equipment special to the Household Cavalry will be retained, unless directed to be changed by Her Majesty's orders. In all other respects the articles issued for the use of the Household Cavalry will be the same as for the Cavalry of the Line.

54 Gen. No. 6491

† For accoutrements, sheepskins, nose-bags, corn sacks, and corn bags.

‡ For saddle and horse blankets—$\frac{1}{4}$ pint will be allowed for each 150 blankets.

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2.—CAVALRY OF THE LINE.

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Sect. II. Cavalry of the Line.

[The Peace Establishments of Cavalry Regiments are published from time to time in Army Orders, and being subject to change, they are not inserted in these Tables.]

Arms.

	TABLE 1.	Regiments. General Proportions. Peace and War.	Military Mounted Police.
	Weedon Section.		
54 1 | 43 93 54 Cav. 4 54 1 | 43 93	**Bottles**, oil, M.-L.-M. rifle (and carbine)...	1 per carbine, and 5% spare, for peace.	
	Carbines, M.-L.-M., cavalry‡	1 per rank and file, except band, lance-serjeant, and orderly room clerk.	
	Pull-throughs	1 per carbine and 5% spare, for peace.	
	Reflectors, mirror*	17 per regiment.	
	Rods, clearing, ·303-in. arms, carbine, patt. B §	1 per carbine.	
54 Cav. Gen. No. 1052 38407 Equipt. 1803 40116 5079	**Pistols**, Webley...	1 per regimental serjeant-major, quartermaster-serjeant, farrier quartermaster-serjeant, serjeant-instructor in fencing, squadron serjeant-major rough-rider, squadron serjeant-major, squadron quartermaster-serjeant, orderly-room serjeant, serjeant trumpeter, trumpeter, saddler serjeant, serjeant cook, armourer serjeant, farrier serjeant, serjeant, paid lance-serjeant, and orderly-room clerk.	1 per N.C.O. and man.
	,, ,, Rods, cleaning	1 per pistol...	1 per pistol.
54 6 D.G. 905	**Lances** (with flag and sling)† ...	1 per serjeant and rank and file (except band), of Lancers. For Dragoons and Dragoon Guards, for arming front rank, 250 will be allowed to regiments on the higher establishment, and 200 to regiments on the lower establishment.‖	
	,, flags (spare)	8 per regiment of Lancers, 4 per regiment of regiments whose front rank only carries the lance for peace.	

* For examining interior of barrels.

† Also unserviceable flags equivalent to number of serviceable, for use at drills.

N.B.—Regimental sergeant-majors, bandmasters, quarter-master-serjeants, farrier-quarter-master-serjeants, serjeant-instructors in fencing, squadron serjeant-major rough-riders, orderly-room-serjeants, serjeant-trumpeters, armourer-serjeants, saddler-serjeants, serjeant-cooks, serjeant master-tailors, and band-serjeants, are armed and accoutred as staff-serjeants, except that band-masters, band-serjeants, serjeant master-tailors, will not be supplied with a pistol and its accessories.

‡ 110 carbines, M.-L.-M., of which 55 should be D.P., if available, will be held on charge at the cavalry depôt, Canterbury, for the depôt of each regiment serving in the Colonies or Egypt.

§ Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of corporals only, those for other ranks being withdrawn and kept on regimental charge.

‖ Dragoon regiments proceeding on active service will be allowed in addition 10 spare lances per squadron.

54
7 Hussars
367

40116
7705

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Arms—*continued.*

TABLE 1—*continued.*	Regiments. General Proportions. Peace and War.	Military Mounted Police.
Weedon Section—continued.		
Scabbards, sword, cavalry, patt. '85, Mark II.	1 per W.O., N.C.O. and man	1 per W.O., N.C.O. and man.
Swords, cavalry, patt. '90		
Tubes, aiming { M.-L.-M carbine ... ... brushes, cleaning ... ... rods, cleaning, carbine ...	4 per squadron (peace only).	
Carbines, M.-L.-M., M.T.	4 per squadron for aiming tubes (peace only).	

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Ammunition.

TABLE 2.	Regiments. Peace. Home.	Peace. Abroad.	War. To be carried by the soldier or on machine gun carriages.	War. To be carried in regimental transport.
Cartridges, small-arm { ball { ·303	30 per carbine 3,500 per M gun	20 per carbine 3,500 per M. gun	30 per carbine 3,500 per M. gun	27,500 per regiment.*
ball { pistol, Webley	12 per pistol	12 per pistol	12 per pistol	1,920 per regiment.*
dummy-drill ...	600 per regt.	600 per regt.	...	...

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* Regiments in Field Army only. Other regiments and depots will each draw 70 rounds per carbine, and 40 rounds per pistol, from the reserves held in A.O.D. charge in the district in which they mobilize.

Articles for Musketry Instruction (for Peace only).

These are supplied in accordance with paragraph 138, Part 1, Equipment Regulations, 1898.

Material for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII, Part I, Equipment Regulations, 1898.

The arms of Military Police will be dealt with under para. 336, Part 1, Equipment Regulations, 1898.

Accoutrements and Axes.

TABLE 3.	General Proportions.
Woolwich Section 1.	
Bags, ammunition, canvas	8 per S. and A. wagon (war only).
Bandoliers, leather (·303 ammunition)... ...	1 per carbine, war only, for regiments at home. For regiments abroad, 1 per carbine, both peace and war.
Belts, pouch, buff, cavalry, line { staff serjeants	1 per warrant officer, staff serjeant, squadron serjeant-major, and squadron quarter-master-serjeant.
R. and F. ...	All other ranks of regiments at home in time of peace, except farrier serjeant. In time of war and for regiments abroad for ranks armed with pistols only, except farrier serjeant.

54 / Gen. No. / 7228

54 / Gen. No. / 7228

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Accoutrements and Axes—*continued.*

TABLE 3—*continued.*	General Proportions. Peace and War.
Woolwich Section 1—continued.	
Belts, waist ... brown, pistol, cavalry ...	1 per pistol.
Belts, waist ... buff, cavalry, line — staff serjeants	1 per warrant officer, staff serjeant, squadron serjeant-major, and squadron quarter-master-serjeant.
Belts, waist ... buff, cavalry, line — O. R.	All other ranks.
Bottles, water, enamelled*	1 per warrant officer, non-commissioned officer, and man.
Carriages, sabretache, with billets† — S. S. ...	2 per S. S. sabretache.
Carriages, sabretache, with billets† — O. R. ...	2 per O. R. sabretache.
Cases — brown, pistol, L. S.	1 per pistol.
Cases — hand axe	1 per hand axe.
Knots, sword, buff — G. S.	1 per warrant officer, staff serjeant, squadron serjeant major, and squadron quartermaster-serjeant.
Knots, sword, buff — cavalry, line, other ranks	All other ranks.
Lanyards, pistol	1 per pistol.
54 Gen. No. 7228 — **Pouches,** ammunition — black, japanned, cavalry, line — carbine	1 per carbine for regiments at home, peace only, and 1 per serjeant, paid lance-serjeant, and orderly-room clerk, peace and war, at home and abroad.
54 Cavalry Gen. No. 1052 — **Pouches,** ammunition — black, japanned, cavalry, line — pistol — staff serjeants ...	1 per regimental serjeant-major, quartermaster-serjeant, farrier quartermaster-serjeant, serjeant-instructor in fencing, squadron serjeant-major rough-rider, squadron serjeant-major, squadron quartermaster-serjeant, orderly-room serjeant, serjeant trumpeter, saddler serjeant, serjeant cook, and armourer serjeant.
38407 Equipt. 1803 — **Pouches,** ammunition — black, japanned, cavalry, line — pistol — trumpeters ...	1 per trumpeter.
54 Gen. No. 7226 — **Pouches,** ammunition — buff — expense, carbine	1 per carbine, for regiments at home, for peace only.
Pouches, ammunition — buff — pistol, farriers, cavalry, line... ...	1 per farrier serjeant.
Sabretaches† — staff serjeants	1 per warrant officer, staff serjeant, squadron serjeant-major, and squadron quartermaster-serjeant.
Sabretaches† — other ranks	1 per serjeant and corporal.
54 Cavalry Gen. No. 1913 — **Slings,** carbine, cavalry	6 per squadron peace, 1 per carbine, war.
Straps, buff, water bottle, mounted service ...	1 per water bottle.
Wallets, farriers ‡	6 per regiment. To be attached to the saddles of farriers who do not carry the veterinary wallet.
Woolwich Section 2.	
Axes, hand, 2 lbs.	1 per farrier.

* For repairs of the bottles, the following materials will be allowed annually:—

54 Cavalry 90

Buff strips	5 per cent. of bottles in possession with or 2 rivets and washers per strip.
Chains, with end rings	3 per cent. of bottles in possession.
Corks	5 per cent. of bottles in possession.
Covers, water bottles, enamelled ...	5 per cent. of bottles in possession.

† For Hussars only. ‡ To be replaced by bags, tool, farriers, when worn out.

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Military Mounted Police.
Accoutrements.

TABLE 4.

Woolwich Section 1.	
Belts, waist, brown, Military Mounted Police...	1 per W.O., N.C.O. and man.
Bottles, water, enamelled*	
Cases, brown. pistol, L.S.	
Knots, sword, brown, Military Mounted Police	
Lanyards, pistol	
Pouches, ammunition, brown, pistol, infantry	
Straps, buff, water bottle, mounted service.	
Whistles, police	

* For repairs of the bottles, the following materials will be allowed annually:—

Buff strips	5 per cent. of bottles in possession, with 2 rivets and washers per strip.
or	
Chains, with end rings	3 per cent. of bottles in possession.
Corks	5 per cent. of bottles in possession.
Covers, water bottles, enamelled ...	5 per cent. of bottles in possession.

54
Cavalry.
90

Articles for Repair of Accoutrements.
(Per Regiment.)

TABLE 5.

Materials.	12 Months' Supply. 600 Men.	12 Months' Supply. 500 Men.	Remarks.
Woolwich Section 1.			
Billets. black: pouch, cavalry, line	23	19	
Billets. black: sabretache	3	3	Hussars only.
Billets. black enamelled, pouch	1	1	
Billets. buff: sabretache carriage, all ranks, without buckle	2	2	Hussars only.
Billets. buff: waist belt, cavalry, line, all ranks, without buckle ...	88	73	
Buckles. brass: pouch belts, cavalry, line ...	6	5	
Buckles. brass: sabretache billet...	1	1	Hussars only.
Buckles. brass: waist belt, cavalry, line ...	6	5	
Buckles. brass: waist belt billet, cavalry, line	12	10	
Buckles. gilt ...: pouch belt, cavalry	1	1	
Buckles. gilt ...: sabretache billet...	1	1	Hussars only.
Buckles. gilt ...: waist belt, cavalry	1	1	
Buckles. gilt ...: waist belt billet, cavalry ...	1	1	
Buttons, brass: (for sword knot)	23	19	
Buttons, brass: (for sabretache pocket) ...	1	1	Hussars only.
Carriages: sabretache, without billets	2	2	Hussars only.
Carriages: waist belt, buff, cavalry, line: long ...	29	24	
Carriages: waist belt, buff, cavalry, line: short ...	29	24	
Catches waist belt: brass, cavalry, line	6	5	
Catches waist belt: gilt, cavalry	1	1	
Chapes: pouch, cavalry, line: staff serjeants	2	2	
Chapes: pouch, cavalry, line: O.R.	29	24	
Chapes: waist belt, cavalry	12	10	
Dees: brass, sabretache	2	2	Hussars only.
Dees: gilt, sabretache	2	2	Hussars only.
Flaps, pouch, cavalry: staff serjeants ...	2	2	
Flaps, pouch, cavalry: O.R.	23	19	
Hinges, pouch	23	19	
Hooks: brass side, cavalry, line	12	10	
Hooks: brass, snake	6	5	
Hooks: gilt, snake	1	1	
Loops: brass, waist belt, cavalry ...	6	5	
Loops: gilt, waist belt, cavalry	1	1	

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E quipt.
1718

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Articles for Repair of Accoutrements—*continued.*

(*Per Regiment*).

TABLE 5—*continued.* Materials.	12 Months' Supply. 600 Men.	500 Men.	Remarks.
Woolwich Section 1—cont.			
Pieces, leather, buff — 4¼ in. × ¾ in. (for waist belt) ...	23	19	
3 in. × ½ in. (for sabretache carriage)	2	2	Hussars only.
3 in. × ½ in. (for sword knot)	24	20	
Pockets, sabretache	4	4	Hussars only.
Rings — brass, pouch	23	19	
Rings — gilt, pouch...	2	2	
Slides, gilt	1	1	
Straps, black, sabretache	3	3	Hussars only.
Studs — brass, pouch, cavalry	10	9	
Studs — brass, pouch belt, cavalry ...	29	24	
Studs — brass, sabretache	1	1	Hussars only.
Studs — gilt, pouch, cavalry	1	1	
Studs — gilt, pouch belt, cavalry ...	2	2	
Studs — gilt, sabretache	1	1	Hussars only.
Tips — brass, pouch belt, cavalry line ...	6	5	
Tips — gilt	1	1	
Woolwich Section 6.			
Cordovan ... ... ozs.	6	6	Hussars only.

40116
5162

Tools and Appointments, Pioneers'.

(Personal Equipment.)*

TABLE 6.	For each service squadron. Peace. 1 N.C.O., each.	4 privates, each.	1 near case containing.	1 off case containing.	Per Regiment, War.
TOOLS.					
Woolwich Section 1.					
Nippers, end-cutting, cavalry pioneers' ... pairs	...	...	1	...	3
Saws, hand, 18-inch	...	...	...	1	3
Woolwich Section 2.					
Axes — hand	...	...	1	...	3
Axes — pick, heads, 6½ lbs.	...	...	1	1	6
Axes — pick, helves, 34½-inch	...	...	1	1	6
Spades, N.P.	...	...	1	1	6
Hammers, miner's, boring, 5 lbs.	...	...	1	1	6
Woolwich Section 7.					
Augers † — screw, bull-nosed, 2-inch	...	...	...	1	3
Augers † — handles, 18½-inch	...	...	...	1	3
Files, saw, 3-square, hand, 6-inch	...	...	1	...	3

A.O. 34, 1897. 54

Cavalry. 24

A.O. 34, 1897.

* Detonators and primers with their cylinders, also guncotton in slabs, guncotton boxes, and matches, match-boxes, and rectifiers will be drawn from the Army Ordnance Department on mobilization.

† The case, pioneers', Cavalry, large, off, contains a pair of leather caps, for the auger and handle. They are components of the case, but so made as to be carried when required on horseback.

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Tools and Appointments, Pioneers'—*continued.*

TABLE 6—*continued.*

	For each service squadron. Peace. 1 N.C.O., each.	4 privates, each.	1 near case containing.	1 off case, containing.	Per Regiment, War.	
TOOLS—*continued.*						
Woolwich Section 7—continued.						
Pliers, side-cutting, 7-inch	1	...	...	...	3	
Rules, collarmakers, four-fold...	...	...	1	...	3	
Sets, saw, hand	...	...	...	1	3	
Woolwich Section 10.						
Sets, cold, small	...	...	1	1	6	A.O. 34, 1897.
Woolwich Section 16.						54
Spikes, gun, common	4	...	4	4	36	Cavalry.
Woolwich Section 22.						24
Rectifiers, guncotton primers*	...	...	...	...	18	
CASES, &c.						
Woolwich Section 1.						
Cases, pioneer equipment, Cavalry ... large { near	...	...	1	...	3	
large { off	...	...	...	1	3	
small { N.C.O.'s	1	...	...	...	3	
small { privates	...	1	...	...	12	
Pouches, match box	1	...	...	...	3	
Reels, wire { leather	...	...	1	...	3	
Reels, wire { brass	1	...	...	...	3	
Woolwich Section 20.						
Boxes, guncotton, ½ slabs*	...	...	...	...	132	
Cylinders, guncotton primers, dry, for 9*... ...	...	...	...	...	18	
Woolwich Section 22.						
Boxes, Vesuvian matches*	1	...	...	..	3	54
Cylinders, detonators, No. 8, for 8*	...	...	...	...	18	Cavalry Gen. No.
MATERIALS.						1134
Woolwich Section 8.						40116
Wire, copper, No. 28 W.G., soft ... ... oz.	2	...	6	...	24	5612
Woolwich Section 10.						
Nails, steel, clasp, wrought, strong, No. 86... ...	...	...	18	...	54	
Woolwich Section 18.						
Lashings, white, 1-inch, 15 feet	...	...	3	3	18	
Twine, choking, 3-thread ... ... yards	30	...	...	...	90	
Woolwich Section 21.						
Guncotton† { dry, primers, one perforation, $1\frac{3}{4}$-in. by $1\frac{3}{8}$-in.	...	...	...	...	162	
Guncotton† { wet, ½ slabs, one $1\frac{1}{4}$ perforation, $6\frac{1}{8}$ in. by $3\frac{1}{16}$ in. ... ... lbs.	...	...	...	...	$115\frac{1}{2}$	
Woolwich Section 22.						
Detonator, No. 8† (with 2-ft. safety fuze)	...	...	...	...	144	54
Matches, Vesuvian†	...	...	...	...	180	Cav. Gen. No. 1134

* Detonators and primers with their cylinders, also guncotton in slabs, guncotton boxes, and matches, match-boxes, and rectifiers will be drawn from the Army Ordnance Department on mobilization.

† Detonators, guncotton, and matches, will be drawn from the Army Ordnance Department on mobilization.

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Regimental Transport.

TABLE 7.	Regiment. Peace.	Regiment. War.
Woolwich Section 2.		
Axes { felling, curved helve	1 per artillery wagon	1 per G.S. wagon and Maltese cart.
Axes { pick { head, 6½ lb.	1 per artillery wagon	1 per G.S. wagon and Maltese cart.
Axes { pick { helve	1 per artillery wagon	1 per G.S. wagon and Maltese cart.
Buckets, water, G.S. { canvas ...	...	6 per S.A.A. wagon.
Buckets, water, G.S. { leather ...	2 per artillery wagon	1 per cart and 2 per wagon.
Hooks { reaping, large	...	2 per wagon.
Hooks { bill	1 per artillery wagon	1 per G.S. wagon and 1 per Maltese cart.
Shovels, universal	1 per artillery wagon	1 per G.S. wagon and 1 per Maltese cart.
Spades, N.P.	1 per artillery wagon	1 per G.S. wagon and 1 per Maltese cart.
Woolwich Section 4.		
Carts { forage	...	2 per regiment.
Carts { Maltese, Mark V*	...	1 per regiment.
Covers { cart, forage	...	1 per forage cart.
Covers { ,, Maltese...	...	1 per Maltese cart.
Covers { wagon, G.S.	...	1 per G.S. wagon.
Hoops { bale, sets, cart, forage ...	...	1 per forage cart.
Hoops { ,, ,, wagon, G.S. ...	...	1 per G.S. wagon.
Forges, field, G.S.	...	2 per regiment.
Limbers, wagon, small-arm ammunition	...	1 per small-arm ammunition wagon.
Pins, linch { wagon, artillery (spare)	1 per artillery wagon	
Pins, linch { 3rd class (spare) ...	...	1 per cart or wagon.
Poles, draught, No. 7 (spare)† ...	...	3 per regiment.
Shafts (for S.A.A. wagons), No. { 83 (spare) ...	...	1 per regiment.
Shafts (for S.A.A. wagons), No. { 84 ,, ...	...	1 per regiment.
Swingletrees, No. { 7 (spare) ...	1 per artillery wagon	
Swingletrees, No. { 3 ,, ...	...	1 per G.S. wagon.
Wagons { artillery, Mark I	1 per squadron.	
Wagons { G.S. (1 fitted for forge) ...	...	8 per regiment.
Wagons { small-arm ammunition	...	2 per regiment.
Washers, drag { 3rd class (spare) ...	...	1 per cart or wagon.
Washers, drag { wagon, artillery ...	1 per artillery wagon	
Wheels, 3rd class B, No. { for S.A.A. wagons (spare)†	...	1 per regiment.
Wheels, 3rd class B, No. { for G.S. wagons, fore (spare)†	...	1 per regiment.
Wheels, 3rd class B, No. { for G.S. wagons, hind (spare)† ...	...	1 per regiment.
Woolwich Section 7.		
Drivers, screw, G.S., 6-in.	...	2 per S.A.A. cart.
Hammers, claw, 14 oz.	...	2 per S.A.A. cart.
Pincers, carpenters ... ... pairs	...	2 per S.A.A. cart.
Vice, bench, saddle, tool-makers' (Mark I* or II. for forge wagon) ...	...	1 per G.S. wagon fitted for forge.
Woolwich Section 10.		
Jacks, lifting, G.S.	1 per artillery wagon	2 per regiment.
Woolwich Section 11.		
Sacks, coal, with beckets, tarred ...	...	8 per regiment.

N.B.—When an interchange of units takes place between Great Britain and Ireland, the articles specified in this table will not be moved, but will be transferred from unit to unit.

† According to mark of G.S. wagon.

40116 / 5670 / 54 / Cavalry / 214

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Cavalry of the Line. Sect. II.

Regimental Transport—*continued.*

TABLE 7—*continued.*	Regiment. Peace.	Regiment. War.
Woolwich Section 18.		
Ropes, drag, light ... ... pairs	1 per artillery wagon	1 per cart or wagon.
Cordage, tarred, spun yarn, hemp, 3-thread ... ... lbs.	5 per artillery wagon	5 per cart or wagon.
Lashings (spare) { tarred, 1½-in., 16 feet ...	... ...	4 per Maltese cart.
Lashings (spare) { white, 1-in., 30 feet ...	2 per artillery wagon	2 per forage cart and S.A.A. wagon.
Woolwich Section 25.		
Boards, inventory, without lists ...	1 per artillery wagon	1 per cart or wagon.
Knives, opening, tins	... ...	2 for each wagon carrying preserved meat.

Signalling Equipment.

TABLE 8.	Per Regiment. Peace.	Per Regiment. War (service squadrons).	Remarks.	
Woolwich Section 6.				
Buckets, signalling flags	‡	‡		
Woolwich Section 11.				38407
Oxygen mixture* ... ... lbs.	104*	—		Equipt.
Methylated spirits† ... ... pints	50*	—		1833
Woolwich Section 28.				38407
Apparatus, limelight† { bags { gas	4	—		Equipt.
Apparatus, limelight† { bags { pressure	2	—		1707
Apparatus, limelight† { bottles, cleansing gas	2	—		40116
Apparatus, limelight† { cans, tin	2	—		5467
Apparatus, limelight† { cases { brass	2	—		
Apparatus, limelight† { cases { tin	2	—		
Apparatus, limelight† { cylinders, lime pencils ...	2	—		
Apparatus, limelight† { flasks	2	—		
Apparatus, limelight† { lamps	2	—		
Apparatus, limelight† { pencils ... ... doz.	2	—		
Apparatus, limelight† { retorts, copper	4	—		
Apparatus, limelight† { spanners	1	—	For each Mark III retort.	
Boxes, signalling, stores	—	2		
Cans, oil, feeding, army signalling	1	2		
Cases, message book	2	3	On waist belt.	
Cotton, waste... ... ... lbs.	3‡	3		
Flags, signal, army§ { blue { 3 feet square	8	8		
Flags, signal, army§ { blue { 2 ,, ,, ...	8	8		
Flags, signal, army§ { white, with stripe { 3 feet square	8	8		
Flags, signal, army§ { white, with stripe { 2 ,, ,,	8	8		
Flags, signal, army§ { poles, 3 feet 6 inches...	40	22		
Flags, signal, semaphore {	32	12		54
Flags, signal, semaphore { poles	32	12		Signallers
Heliographs, 5-inch (with stand)†	2	—		43
Lamps, bull's eye, signal { without stand ...	6	4		
Lamps, bull's eye, signal { stands	2	4		

* Twelve months' supply.
† To be returned to store on embarkation of regiment for India.
‡ 3 per squadron.

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Signalling Equipment—*continued.*

TABLE 8—*continued.*	Per Regiment. Peace.	Per Regiment. War (service squadrons).	Remarks.
Woolwich Section 28—continued.			
Panniers, signalling { No. 1	2	—	
Panniers, signalling { No. 2	2	—	
Scissors, lamp	4	2	Including for peace 2 for limelight apparatus.†
Stands, telescope, signalling	4	6	
54 Gen. No. 6917 — **Telescopes**, signalling	4	6	
Tubing, india rubber, ⅜-inch† ... ...yards	10	—	Annual supply.
Wheels, cypher	2	3	
Woolwich Section 29.			
54 Signallers 66 38407 Equipt. 1790 — **Binoculars**	3	3	
Cases	3	3	
Keys, dummy, signallers	2	—	
Not in Vocabulary.			
Cards, test‖	50‖	—	
Books, signalling,‖ Manual of Instruction ...	4	—	
Message Forms‖	600	—	295A. (i), with 2 sheets of carbon paper each.
Oil, colza¶ ... ...pints	60‡	—	
Wick† { common ... ... lbs.	2*	—	
Wick† { round, 1½-inch ... ...yards	10‡	—	

† To be returned to store on embarkation of regiment for India.

‡ Sufficient for 4 lamps for 150 hours. Classes using a greater or less number of lamps will draw in proportion.

§ The proportion of each description of flag may be departed from when local circumstances render the course advisable, but the total of 32 per regiment must not be exceeded.

‖ Supplied from the War Office on requisition. ¶ Supplied by Army Service corps.

Musical Instruments.

TABLE 9.	Regiments.—Peace and War.
Woolwich Section 29.	
Bugles	1 per serjeant trumpeter and 3 per regiment.
Pitch pipes	1 per regiment. (Peace only.)
Strings, bugle*	1 per bugle and 1 per trumpet.
Trumpets	1 per serjeant trumpeter and trumpeter.
Tuning forks	1 per regiment. (Peace only.)

* The Household Cavalry, also regiments termed "Royal," or designated as "King's," "Queen's," "King's Own," "Queen's Own," and the 11th Hussars, have *Royal* strings; other regiments have *Green* strings.

Camp Equipment and Intrenching Tools.

57 Gen. No. 9614 — Camp equipment and intrenching tools when required for camps, in time of peace, will be issued in the proportions laid down in Part 1, Equipment Regulations. The proportions for war are given in Table 25. The regular peace equipment will, however, comprise the full proportions of picket pegs.

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Cavalry of the Line. Sect. II.

Harness, Saddlery and Packsaddlery.

TABLE 10.	Regiments and Mounted Police. Peace.	War.
Woolwich Section 5. **Harness**, G.S., transport, wheel* near sets / off ,,	†One per wagon.	One per forage cart, two per wagon, and one off set per Maltese cart.‡
Woolwich Section 6. **Saddlery**, universal ... ... sets	One per riding horse.	As for peace.
Woolwich Section 27. **Packsaddlery**, G.S. large sets (Mark III or IV)	1 per service squadron for pioneer equipment (see § 6018 List of Changes in War Matériel).	As for peace.

* When an interchange of units takes place between Great Britain and Ireland the harness will be transferred from unit to unit, unless the draught horses are moved with the regiment, in which case the harness will also be taken.

† A pair of driving reins, and a driving whip are allowed for each double set.

‡ ,, ,, ,, ,, ,, per G.S. wagon only.

54 Cav. 103 38407 Equipt. 1790

Harness, General Service, and Saddlery, Universal.

(For details of sets, see Part 1, Equipment Regulations.)

List of Spare Articles.

N.B.—The spare articles are allowed to avoid the necessity for intermediate demands, and are issued in time of peace only, unless otherwise specified.

TABLE 11.	No. per Regiment.	
HARNESS AND SADDLERY.		
Woolwich Section 2.		
Ropes, head, cotton, with ring, Mark III ...	12	
Woolwich Section 5.		
Bands, back, 1¾-inch	1	
Bits, portmouth, Mark I, harness, with bridle-head	1	Reversible bit when store is exhausted.
Traces, hooks, sliding	2	
Woolwich Section 6.		
Bits — bridoon, patt. '84	12	
Bits — ,, hook	10	War only.
Bits — ,, chain	20	
Bits — portmouth — saddlery, with bridle-head and rein	4	
Bits — portmouth — chains, curb	40	10 only for war.
Bits — portmouth — hooks, curb	60	10 only for war.
Blankets, saddle	4	
Buckets, lance	4	For dragoon and lancer regiments.
Cases, horseshoe, saddlery	4	
Collars, head, cavalry	16	
Flaps, saddle	...	4 per cent. of saddles.
Girths, patt. '84	4	
Hook, lance	20	When lance bucket is issued.
Irons, stirrup, G.S.	8	Irons, stirrup, lancers, will continue in use with lancers until stock is exhausted.

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Harness, General Service, and Saddlery, Universal—*continued.*

TABLE 11—*continued.*	No. per Regiment.	
Woolwich Section 6—continued.		
Leathers, stirrup	8	
Numnahs, felt	4	
Reins, bridoon, patt. '84	8	
54 **Saddles,** universal	2	
Cav. 195 **Saddletrees,** steel-arch, pattern 1890	3	In sizes, 1, 2, 3, for fitting purposes.
Straps cloak and wallet	8	
Straps cloak centre	8	
Straps girth, patt. '84	...	45 per cent. of saddles.
Straps lance bucket	4	Mark I for Mark I bucket, and Mark II for Mark II bucket.
Straps shoe case, patt. '84	4	
Surcingles, leather, harness	4	

Stable Necessaries and Equitation Articles.

TABLE 12.	Per Regiment.—Peace and War.
Woolwich Section 5.	
HARNESS AND SADDLERY.	
54 Gen. No. 6064. **Bags** nose, G.S.	1 per horse and mule.
Bags corn, 12 lbs.§	1 per horse and mule.
Boxes, riding school ... ... equipment	1
Boxes, riding school ... ... whips	1
Bridles, mouthing ... ... bits	2
Bridles, mouthing ... ... heads bridle	2
Bridles, mouthing ... ... reins	2
Bridles, snaffle bits	24
Bridles, snaffle heads bridle	24
Bridles, snaffle reins	24
Brushes harness, hard	1 per double set of harness per annum.
Brushes horse	1 per horse and mule per annum.
Cavisons...	3
,, cords	3
40116 5529 **Combs,** curry	1 per horse and mule per annum.
Couples, trace	2 per regiment.
Crosstrees	3
,, reins, running	9
Pickers, hoof	1 per warrant and N.C.O. and man.
Reins, driving, long ... ... sets	1 per double set harness in peace; 1 per G.S. wagon only in war.
Rings, clip*	2
Rollers, breaking	2
Sacks, corn, 4-bushel	1 per 12 horses.
Scissors, trimming ... ...pairs	For peace, 10 for each squadron every 5 years, *i.e.*, 1 for the squadron serjeant-major, squadron quarter-master serjeant, and 1 for each serjeant, 8 pairs per squadron for war.
Sponges, G.S.	1 per riding horse and 2 per draught horse per annum.
40116 5353 **Straps** back†	2 per double set harness.
Straps kicking‡	1 per double set harness.
Whips driving	1 per set of reins, driving, long.
Whips hand...	8
Whips longeing	3

40116 5253

* 2 per pair of hames will be issued when required for G.S. harness not already fitted with them. The A.S.C. pattern hames have rein rings.

† Not required with A.S.C. pattern harness as a back pad forms part of the set. Only required for long rein driving.

‡ To be drawn only when required. § For War only.

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Materials for Repair and Preservation of Equitation Articles.

TABLE 13.	Per Regiment, 12 Months' Supply.
Woolwich Section 5.	
Sponges, G.S.	3
Woolwich Section 6.	
Cord, whip ... ... ozs.	12
Woolwich Section 11.	
Oil, rape ... ... pints	4
Soap, soft* ... ... lbs.	14
Not in Vocabulary.	
Linen, old (rags) ... ... lbs.	1

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

* ½-bar of yellow soap may be drawn in lieu of every ¾-lb. soft, if preferred.

Materials for Repair of Harness and Saddlery.

TABLE 14.	Per Regiment, 12 Months Supply. 400 Horses.	300 Horses.	
Woolwich Section 6.			
HARNESS AND SADDLERY.			
Basils, brown — strained*	...	...	
Basils, brown — unrained	4	4	
Bosses — bit†	24	18	54
Bosses — breastplate	8	6	Cav.
Buckets, carbine, magazine, dee‡ ... ... yds.	12	9	211
Buckles, brass, roller — single, ¾-inch	20	15	54
Buckles, brass, roller — double, ¾ ,, ...	40	30	Gen. No.
Buckles, brass, roller — inlet, ¾-inch	24	18	6473
Buckles, iron, roller — double — barred, 1¼-inch curved...	40	30	
Buckles, iron, roller — double — 1¼-inch head collar	40	30	
Buckles, iron, roller — double — 1 ,, ...	40	30	
Buckles, iron, roller — double — ⅞ ,, ...	56	42	
Buckles, iron, roller — single... 1¼ ,, bow leg	1	1	
Buckles, iron, roller — single... 1¼ ,, straight leg...	1	1	
Buckles, iron, roller — single... 1½ ,, ...	3	3	
Buckles, iron, roller — single... 1 ,, barred	40	30	

* To be drawn at the rate of 6 per 100 pairs of pannels in possession.
† N.P. to be demanded when required for Mk. II cavalry bits.
‡ For regiments having lances.

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Materials for Repair of Harness and Saddlery—*continued.*

TABLE 14—*continued.*	Per Regiment, 12 Months' Supply. 400 Horses.	300 Horses.
Woolwich Section 6—continued.		
Buckles, iron, roller, single — $\frac{7}{8}$ inch	3	3
Buckles, iron, roller, single — $\frac{3}{4}$,, (for lance buckets) ...	20	15
Buckles, iron, roller, single — $\frac{7}{8}$,, ...	32	24
Buckles, iron, tinned — roller — $\frac{3}{4}$-inch...	24	18
Buckles, iron, tinned — roller — $\frac{7}{8}$,, ...	24	18
Buckles, iron, tinned — inlet — $1\frac{3}{8}$,, ...	16	12
Buckles, iron, tinned — inlet — $\frac{3}{4}$,, *	...	...
Buckles, iron, tinned — for girth attachment, $1\frac{1}{4}$-inch	16	12
38407 Equipt. 1719 — **Burrs,** copper	160	120
Cantles, brass — drivers	2	2
Cantles, brass — luggage	2	...
54 Gen. No. 6570 — **Cord** — cotton (for loops of drivers whips) ... ... yds.	2	2
Cord — whip ... ... lbs.	$\frac{3}{4}$	$\frac{3}{4}$
Felt — brown, 43 inches† ... ... yds.	$2\frac{1}{3}$	$1\frac{3}{4}$
Felt — cuttings† ... ... lbs.	35	26
Hair, horse, saddlery‡ ... ... ,,	...	...
Hides, brown — backs — bridle	5	4
Hides, brown — backs — collar	12	9
Hides, brown — backs — heavy§	1	1
Hides, brown — cloak	$1\frac{1}{3}$	1
Rings, iron ... — $1\frac{3}{4}$-inch, stout	8	6
Rings, iron ... — $1\frac{1}{4}$,, slight	16	12
Rings, iron ... — snipe bill	4	4
38407 Equipt. 1723 — **Rivets,** carbine, bucket	144	108
Serge, collar makers‖	...	...
Squares, iron	40	30
Strips, leather, for pipes, trace wheel	2	2
Studs, breastplate, patt. '84	40	30
38407 Equipt. 1740 54 Cav. 219 — ,, wallet	96	72
,, frog sword, saddle	40¶	30
Thread — flax, fine ... ... lbs.	16	12
Thread — whited-brown** ... ... ,,	...	...
Twine, quilting †† ... ... ,,	3	2
Web — diaper, 2-inch ... ... yds.	48	36
Web — hemp, $3\frac{1}{2}$-inch ... ... ,,	$1\frac{3}{4}$	$1\frac{3}{4}$
Web — straining ‡‡ ... ... ,,	24	18
Not in Vocabulary.		
Blankets, old, pieces of§§ ... ... lbs.	48	36
Collars, head — plates, brass	80	60
Collars, head — rivets ,, ...	1000	750
Collars, head — studs for plates	40	30
38407 Equipt. 1719 57 Gen. No. 7361 54 Cav. 219 38407 Equipt. 1740 57 Gen. No. 7361 — **Dees,** iron tinned, $2\frac{1}{4}$-inch	8	6
Linen, old (repairing corn sacks and nose bags) ... lbs.	$37\frac{3}{4}$	$27\frac{1}{2}$
Steel, pieces of (for repair of carbine buckets)	4 per cent. of the number of carbine buckets.	4 per cent. of the number of carbine buckets.

* 5 per cent. of numnah pannels on charge.

† When cuttings are not available felt in the piece will be issued, in the proportion of 1 yard felt to 5 lbs. cuttings.

‡ At the rate of 7 lbs. per 25 pair pannels for harness. § For harness.

‖ $\frac{1}{2}$ yard for each 5 pairs of hair pannels in use. Not required with the Mark II saddle.

¶ 15 per cent. will be allowed for Mark I. sword frog.

** 1 oz. for each 5 pairs of hair pannels in possession.

†† For re-whipping ends of head ropes 2 oz. per 25. $\frac{1}{2}$ oz. additional for each pair of pannels in use. ‡‡ 8 yds. additional for each 25 steel arch saddles in possession.

§§ For repair of saddle blankets.

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Materials for Repair of Harness and Saddlery—*continued.*

TABLE 14—*continued.*	Per Regiment, 12 Months' Supply.		
	400 Horses.	300 Horses.	
Woolwich Section 18.			
Twine, packing ... ... oz.	6	6	
Canvas, sail, No. 3 (for repairing bottoms of nose bags) yds.	12¼	9¼	
Woolwich Section 27.			
Worsted, grey* ... ... lbs.	4	3	54 Gen. No. 7361
Woolwich Section 36.			
Not in Vocabulary.			54 Cavalry Gen. No. 1076
Linen, old (for cleaning) ... ... lbs.	104	78	

* 4 ozs. for each additional 25 saddle blankets.

Materials for Repair of Saddletrees.

TABLE 15.	Peace, 12 Months' Supply.		
	Steel or Iron Arches.		
	400 Saddles.	300 Saddles.	
HARNESS AND SADDLERY.			
SADDLETREES.			
Woolwich Section 6.			
Arches, iron or steel { front	12	9	
Arches, iron or steel { hind	7	5	
Bars, side, universal { near	24	18	
Bars, side, universal { off	24	18	
Dees, or links for steel arch saddles	96	72	
Flaps, saddle, universal ... ... pairs	16	12	
Plates { for dees or links, wallet	96	72	
Plates { with buckle and crupper link	4	3	
Plates { with stirrup link	32	24	
Rivets, iron, 2-inch	420	312	54 Cavalry Gen. No. 1134
Seats, universal*	24	18	
Staples { girth	2	2	
Staples { cloak and wallet, patt. '84†	80	60	
Woolwich Section 11.			
Paint, prepared, black, lamp ... ... lbs.	4	3	
Oil, linseed, raw‡ .. .. pts.	2	1½	
Varnish, spirit, shellac‡ ... ... ,,	4	3	

* It should be stated on the requisition if required for iron or steel arch saddles.
† Only to be drawn if patt. '84 saddles are in possession.
‡ For side bars newly put into saddletrees.

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Tools, Artificers, and Opening Packages.

TABLE 16.	Per Regiment. Peace.	Per Regiment. War.	Remarks.
Woolwich Section 7.			
Cases, tools and materials, squadron, filled	—	3	1 per service squadron.
Chests, tool — empty ... No. 5 ...	—	3	For lists of contents, *see* end of Section II, Part 2, and Appendix V., Part 1, Equipment Regulations. Only 3 filled chests, No. 8, are supplied to Household Cavalry.
,, 7 ...	—	2	
filled ... ,, 1 B* ...	2	—	
,, 3 B* ...	3	—	
,, 5 A ...	1	—	
,, 6 B* ...	1	—	
,, 8 ...	4	—	
,, 9 pairs	1	—	
,, 11 D* ...	1	—	
,, 12 C* ...	1	—	
,, 12 D* ..	1	—	
54 Cav. 1210 **Panniers,** filled, with padlock and key, cavalry — regiments — and infantry, carpenters'	—	1	
regiments — collarmakers'	—	1	
regiments — saddlers' ...	—	1	
Cutters, wire	8	12	
Chisels, ripping	1	1	Opening packages.
Drivers, screw, G.S., 9-in.	1	1	
Hammers, fitters, 24-oz.	1	1	Opening packages.
Knives, laboratory	1	1	

TABLE 16—*continued.*	Per Regiment. Peace.	Per Regiment. War.	Remarks. *Regiments on the Higher Establishment and in the Colonies.*	Remarks. *Other Regiments.*
SHOEING TOOLS.† *Woolwich Section 7.*				
54 Cav. 237 **Aprons,** basil, white	—	—	6 per service squadron. 4 per reserve squadron.	4 per squadron.
Buffers, farriers'	—	—	3 per service squadron. 2 per reserve squadron.	2 per squadron.
Hammers, farriers', shoeing	—	—		
Knives — drawing, farriers' ...	—	—		
searching ,, ...	—	—		
Pincers, farriers'	—	—		
Stones, rag, farriers'	—	—		
Rasps, farriers', 16-inch ...	—	—	6 per service squadron. 4 per reserve squadron.	4 per squadron.

* *See* paragraph 245, Part 1, Equipment Regulations.
† For supply of forge tools, *see* Section VII, Part 1, Equipment Regulations.

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Tools for Repairing Iron and Metal Work of Accoutrements, Saddlery, and Appointments.

TABLE 17.	No. Per Regiment. Peace.	No. Per Regiment. War.	Remarks.
Weedon Section.			
Cutters, anvil, flat, armourers	1	1	
Mandril, metal work of accoutrements ...	1	1	
Punches, metal work of accoutrements: 12-inch	1	1	
11-inch large ...	1	1	
11-inch small ...	1	1	
8-inch	1	1	
Tongs, metal work of accoutrements: forge ... large ... pairs	1	1	
forge ... small ... ,,	1	1	
hollow bit large ... ,,	1	1	
hollow bit small ... ,,	1	1	
plier ... large ... ,,	1	1	
plier ... small ... ,,	1	1	
Woolwich Section 7.			
Chisels, hand, cold, $\frac{7}{8}$-inch × 9-inch	1*	1	
Files, bastard: flat, 12-inch	1	1	
Files, bastard: round, 10-inch	1	1	
Files: rough, 3-square, 12-inch	1	1	
Files: smooth, half-round, 10-inch	2	2	
Hammers, fitters, 32-oz.	1	1	
Not shown in Vocabulary.			
Bits, spoon $\frac{3}{16}$-inch full, or $\frac{1}{4}$-inch inch bare ...	3	3	

* These articles being identical with those in the armourers box will be stamped thus (*) previous to issue.

N.B.—The whole of the tools in this table will, for convenience, be carried in the armourer's box, but in other respects will have no connection with it. They will be separately accounted for, and will be replaced as required on becoming unserviceable.

Miscellaneous Articles.

The consumable materials in this table are a 12 months' supply.
Three months' supply only to be taken into the Field in active service.

TABLE 18.	Per Regiment. Peace and War. 400 horses.	Per Regiment. Peace and War. 300 horses.	Remarks.
Weedon Section.			
Chests, or cases, regimental, carbine, cavalry	...	...	2 per squadron (*see* paragraph 139, Part 1, Equipment Regulations. In time of war the reserve squadron only will be supplied.
Boxes, tool filled, regimental armourer ...	...	...	1 per regiment (*see* Appendix IV, Pt. 1, Equipment Regulations.
Woolwich Section 1.			
Bags, squad*	...	...	1 per 25 Warrant and N.C.officers, and men. In time of war the reserve squadron only will be supplied.

* To be returned to store on embarkation of regiment for India.

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Miscellaneous Articles—*continued.*

TABLE 18—*continued.*	Per Regiment. Peace and War. 400 horses.	300 horses.	Remarks.
Woolwich Section 1—continued.			
Handcuffs, common ... ...pairs	...	...	2 per squadron. For war, 3 per regiment.
Woolwich Section 2.			
Boxes, stationery, field*	...	...	2 per regiment.
Woolwich Section 3.			
Stretchers, ambulance, Mark IV. ...	...	...	1 per squadron. (War only.)
Woolwich Section 5.			
Brushes, water, carriage	...	...	1 per cart or wagon.
Woolwich Section 7.			
Grindstones, 24-inch (or 30-inch) ...	4†	4†	
Paper, glass, middling ... ...sheets	12	9	Peace only.
Pencils, carpenters	8	6	Peace only.
Wire, copper, No. 7 W.G., hard lbs.	$2\frac{1}{2}$	2	Repairing metal work. (Peace only.)
Wire, iron ... ,, 1 ,, hard ,,	$6\frac{1}{2}$	5	Repairing metal work. (Peace only.)
Wire, iron ... ,, 4 ,, ,, ,,	$12\frac{1}{2}$	10	Repairing metal work. (Peace only.)
Wire, iron ... ,, 5 ,, soft ,,	$12\frac{1}{2}$	10	Repairing metal work. (Peace only.)
Wire, iron ... ,, 7 ,, ,, ,,	$6\frac{1}{4}$	5	Repairing metal work. (Peace only.)
Woolwich Section 9.			
Spelter, brass ... ...lbs.	$1\frac{1}{4}$	1	Repairing metal work. (Peace only.)
Woolwich Section 10.			
Nails, horseshoe	—	—	*See* shoes, horse.
Nails, steel, clout, wrought, flat head, fine, No. 90 ... lbs.	4	4	Peace only.
Nails, steel, tacks, cut, No. 197 lbs.	$10\frac{1}{2}$	8	Peace only.
Screws, iron, flat head, $\frac{3}{4}$-inch, gauge No. 10 ...	48	36	Peace only.
Screws, iron, flat head, $\frac{5}{8}$-inch ,, ,, 9 ...	288	216	Peace only.
Shoes, horse	—	—	For general instructions to guide the supply of horse shoes and nails, for use in peace, *see* Part 1, Equipment Regulations. The reserve of shoes and nails to be held available for mobilization in addition to the peace supply is as shown in footnote.‡

* To be returned to store on embarkation of regiment for India.

† For use of the regiment during period of mobilization only, for sharpening swords, &c., and to be returned to store before the unit leaves for place of concentration.

‡ One complete set of shoes and nails for 50 per cent. of the peace establishment of animals. Two complete sets of shoes and nails for all animals which on mobilization would be drawn from civilian sources, and sent to the unit. One reserve set of shoes and nails only will go with the unit into the field, any surplus being returned to store.

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Miscellaneous Articles—*continued.*

TABLE 18—*continued.*	Per Regiment. Peace and War. 400 horses.	300 horses.	Remarks.
Woolwich Section 11.			
Borax, refined ... ... lbs.	5½	4½	Repairing metal work. (Peace only.)
Dubbing ... ... ,,	300*	225*	For saddlery.
	4	4	For harness.
Flour ... ... ,,	6	4½	
Glue, best town made ... ... ,,	6	4½	For the saddles. (Peace only.)
Grease, Field's	24	24.	For wheels.†
Ink, marking§ ... ... pints	8	7	Peace only.
Mixture, stamping woollens‖			
Oil ... linseed, raw ... ... quarts	½	½	
rape ... ... ,,	100	75	For saddlery
,, ... ,,	8	8	For harness.
Paint, prepared, lead colour ... lbs.	‡	‡	For painting carts. (Peace only.)
Soap, soft ... ... ,,	200	150	For saddlery.
	48	48	For harness.
	1,000	750	For saddlery.
Soap, yellow, hard ... ... bars	20	15	For harness.
Wax bees ... ... lbs.	2½	1¾	Peace only.
black	10	7	
Turpentine, spirits of... ... ... pts.	—	—	1 per regiment. (War only.)
Woolwich Section 25.			
Chests, school materials	—	—	1 per regiment. (Peace only.)
Irons, branding: figures 0 to 8, ⅝ inch, sets of 9 letters, 1 letter, ⅝ inch (A to D)	—	—	1 per squadron. (Peace only.)
Stamps copper, inlaid: figures, sets 0 to 8, ½-inch	—	—	1 per squadron. (Peace only.) Regiments of Dragoon Guards have 3 letters D and 4 letters G; Dragoons, 3 letters D; Hussars, 4 letters H; and Lancers, 4 letters L, in addition.
letters, 1 letter, ½-inch (A to D), sets ...	—	—	
steel, for metal: figures, sets 0 to 8, ⅛-inch	—	—	
,, ,, $\frac{3}{16}$-inch¶	—	—	
letters, 1 letter, ⅜-inch sets (A to D) ...	—	—	
letters, 1 letter, $\frac{3}{16}$-inch sets (A to D) ...	—	—	Stamps for marking arms are included in the detail of the armourers' tools in Appendix IV, Part 1. Equipment Regulations.
steel, for wood: figures, sets 0 to 8, $\frac{3}{16}$-inch	—	—	
letters, 1 letter, $\frac{3}{16}$-inch (A to D), sets ...	—	—	

54 Cav. Gen. No. 1134

A.O. 9, 1897.

* Including the quantity allowed for preserving squad bags by paragraph 369, Part 1, Equipment Regulations, 1898.

† Price's composite grease will be used at all Foreign Stations other than British North America.

‡ For quantity of paint biennially allowed for forage carts with cavalry, *see* Appendix VII, Part 1, Equipment Regulations.

§ For accoutrements, nosebags, corn sacks, and corn bags.

‖ For saddle and horse blankets—¼ pint will be allowed for each 150 blankets.

¶ 1 set per squadron allowed in time of war for marking horse shoes.

54 Cavalry Gen. No. 6191

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Instruments for Field Sketching.

(*Referred to in paragraph* 262, *Part* 1, *Equipment Regulations.*)

TABLE 19.	Per Regiment, Peace.	Remarks.
Woolwich Section 29.		
Boards, sketching	4	
Compasses { magnetic, pocket	2	
Compasses { prismatic, G.S.	2	
Compasses { drawing, shifting leg, pen and pencil legs, in case	4	
Protractors, ivory, 6-inch	4	
Scales, mathematical, No. 3, Marquoi ... ... sets	3	
Not in Vocabulary.		
Conventional signs	6	Supplied from War Office on requisition.

54 / Cav. Gen. No. 1069 / 7350 / 4356

Veterinary Stores.

(*Referred to in paragraph* 264, *Part* 1, *Equipment Regulations.*)

TABLE 20.	Per 100 horses, six months supply.	
Woolwich Section 2.		
Rugs, horse	5	Not required with Mark II. horse blanket. Mark II blankets will be issued for war.
Pads, surcingle	5	
Surcingles, web, cavalry	5	

Machine Guns.

(*Referred to in paragraphs* 143 *to* 150, *Part* 1, *Equipment Regulations.*)

TABLE 21.	Proportion per Regiment.	
Weedon Section.		
Reflectors, mirror	1	
Woolwich Section 5.		
Harness, machine gun, cavalry { near ... sets / off ... ,, }	1	For details, *see* Part I, Equipment Regulations, 1898.
Woolwich Section 13.		
Carriages, field, machine gun... { cavalry or mounted infantry / maxim ... ... }	1	
Woolwich Section 16.		
Guns, Maxim, ·303-inch, complete	1	
Locks, skeleton (brass)	—	One per regiment for instructional purposes.

38407 / Equipt. 1759 / 54 / 3 Gren. Gd. 430

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List of Stores issued with Guns, Machine, Maxim, ·303-inch.

TABLE 22.	No. per Gun.	
Woolwich Section 16.		
Barrels ...	...*	40116
Belts, ammunition (250 rounds) ...	14	4177
Box, spare parts, &c., containing the following :— ...	1	
Boxes, tin, for eyelets, strips, &c. ...	2	
Blocks, feed ...	1	
Chains, fusee, with fittings ...	2	
Corks for plug ...	2	51
Eyelets, repairing belts... ozs.	½	Mach. Guns
Gibs ...	2	304
Handles, crank ...	1	
Hammer ...	1	§8941 L. of C.
Levers, extractor { left ...	1	
Levers, extractor { right ...	1	
Locks, complete ...	1	
Packings, asbestos, pieces { 11 inches long ...	4	77
Packings, asbestos, pieces { 5 yards ,, ...	2	6
Pins { firing ...	2	3088
Pins { axis { lock spring ...	2	
Pins { axis { sear ...	2	
Pins { axis { trigger ...	2	
Pins { axis { tumbler (steel)...	4	
Pins { fixing { fusee, chains...	2	
Pins { fixing { axis pins ...	24	
Pins { fixing { extractor, spring ...	4	
Plug cork complete ...	†	
Strips { long } repairing belts ...	25	§8943 L. of C.
Strips { short } repairing belts ...	25	
Sights { tangent, complete ...	1	
Sights { fore ...	1	
Sears ...	1	
Springs { buffer ...	4	
Springs { feed block ...	4	
Springs { cover ...	4	
Springs { ,, lock ...	2	
Springs { connecting rod ...	2	
Springs { ejector tube (steel) ...	2	
Springs { extractor ...	2	
Springs { firing lever‡ ...	2	38407
Springs { fusee, complete, with fittings ...	2	Equipt.
Springs { gib ...	2	1759
Springs { lock ...	4	
Springs { feed block slide ...	4	
Springs { sear ...	2	
Springs { shutter§ ...	2	
Springs { side plate ...	2	
Springs { safety catch ...	2	
Springs { tangent { sight ...	2	
Springs { tangent { sight slide ...	2	
Springs { trigger bar§ ...	2	
Trigger ...	1	
Tumblers ...	1	
Bags, water, and nozzle, with cap and chain ...	1	
Balance, spring ...	1	
Drivers, screw { large...	1	
Drivers, screw { small ...	1	7700
Drivers, screw { bent ...	1	Stores
Funnels ...	1	9927

* See para. 144, Part 1, Equipment Regulations.

† One for every two guns.

‡ Guns manufactured before 1897, had no "spring firing lever."

§ Only supplied for guns which have no "spring firing lever"; and which have the original pattern of shutter.

38407 Equip. 1759

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List of Stores issued with Guns, Machine, Maxim, ·303-inch—*continued.*

TABLE 22—*continued.*	No. per Gun.
Woolwich Section 16—continued.	
Box—*continued.*	
Keys, gib { gun metal valve	1
Keys, gib { muzzle protector and check nut*	1
Keys, gib { gun metal gland and adjusting screw	1
Keys, gib { cup muzzle and casing*	1
Plugs, clearing, Mark II	1
Punches, Nos. 1, 2, 3 and 4	4
38407 Equipt. 1730 Pliers, cutting ... pairs	1
38407 Equipt. 1730 Spanners, shifting	1
38407 Equipt. 1730 Tools, belt repairing ... sets	1
Vessels, water, brass	1
Wrenches, pin	1
†**Rod**, cleaning	1
Plugs, belt, Maxim ·303 inch	1

* The issue to the service of the attachment and gib keys belonging to it is at present suspended. † Carried on gun carriage.

List of Stores issued with Carriage, Field, Machine Gun.

TABLE 23.	No. per Carriage.
Woolwich Section 2.	
Axes { felling, curved helve	1
Axes { pick { heads, 6½ lbs.	1
Axes { pick { helves, 34½ inches	1
Spades, N.P.	2
Woolwich Section 5.	
54 Mach. Guns 131 **Brushes**, water carriage	
Woolwich Section 7.	
Spanners, McMahon, 12-inch	1
Woolwich Section 11.	
Grease, Field's ... lbs.	*
Woolwich Section 13.	
Boxes, tin, grease, 3-lb.	1
Cans { water†	1
Cans { lubricating, No. 9	1
8897 L. of C. **Covers**, leather, oil can†	1
57 Gen. No. 6511 38407 Equipt. 1730 **Holdalls**, carriage, field machine gun, Maxim	1
Pockets { leather, for feeding block†	1
Pockets { ,, ,, gun lock†	1
Pockets { ,, ,, joint pins	1
Swingletree, No. 4 ... spare	1
Woolwich Section 16.	
Boxes, belt, ammunition, Maxim, No. 2	14‡
8216 L. of C. **Chests**, Maxim, ·303 inch ammunition, Mark II	2
Woolwich Section 18.	
54 Mach. Guns 192 **Ropes**, drag, light, carriage, machine gun, infantry ... pairs	1

* 3 lbs. per wheel. † Issued with the carriage.
‡ Will carry 3,500 rounds of ·303-inch ammunition.

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List of Stores issued with Carriage, Field, Machine Gun—*continued*

TABLE 23—*continued.*	No. per Carriage.	
SPARE PARTS.		
Woolwich Section 4.		
Pins, linch, 3rd class	1	
Ties, linch pin, leather	2	
Washers, drag, 3rd class	1	
Woolwich Section 13.		
Bolts, clip, axletree, spring, with nut	1	
Pins joint crosshead	1	
Pins joint elevating gear	1	
Pins shaft, with collar and split key large	1	40116
Pins shaft, with collar and split key small	1	4728
Pins supporting, spring, with collar and split key	1	54
Shafts No. 34	1	Gen. No.
Shafts ,, 35 (spare for war only)	1	6146
Wheels, 3rd class, B, No. 50 (spare for war only)	1	
Woolwich Section 14.		
Keys, split, round loop ·187 inch × 1·625 inch	2	54
Keys, split, round loop ·187 ,, × 1·5 ,, ...	2	Mach. Guns
Keys, split, round loop ·15 ,, × 1·25 ,, ...	2	131

NOTE.—Materials for cleaning and oiling machine guns and their carriages are supplied in the proportions laid down in para. 149, Part I, Equipment Regulations.

Miscellaneous Stores (For Preservation of Machine Gun, Harness, and Saddlery).

TABLE 24.		Detail of complete sets. Near.	Detail of complete sets. Off.	Remarks.
Woolwich Section 11.				
Oil, rape ...	annual proportions, per set of harness or saddlery: pints	2	2	
Soap hard	annual proportions, per set of harness or saddlery: bars	5	5	
Soap soft	annual proportions, per set of harness or saddlery: lbs.	3	3	
Dubbing	annual proportions, per set of harness or saddlery: lbs.	0½	0½	

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Camp Equipment and Intrenching Tools.

TABLE 25.

	General Proportions.
CAMP EQUIPMENT. *Woolwich Section 2.*	
Axes, felling, curved helve*	8 per S.A.A. wagon.
Boxes, candle, F.S.	1 per lantern.
Buckets, water, G.S., canvas	12 per squadron, 7 for head-quarters, and 3 for pack horses.
Cans, oil, 3½-pint	4 per regiment.
Cords, forage	1 per 4 horses.
Hooks bill*	16 per squadron.
Hooks reaping, large*	11 ,,
Kettles, camp, oval, 12 quarts	*Field Service—* Per 15 warrant officers, non-commissioned officers, and men ... 1; Per 3 officers ... ... 1; For oil and grease tins ... ... 2. *Standing Camps—* Per 8 warrant officers, non-commissioned officers, and men ... 1; For oil and grease tins 2
Lanterns, tent, folding	*Field Service—* Per squadron ... ... 2; Per head-quarters ... ... 2. *Standing Camps—* Per squadron ... ... 4; Per head-quarters 4
Mallets, heel peg	1 per 3 officers' horses, 1 per pack horse, and 1 per 8 other horses.
Nets, forage ... ... pairs	1 per horse.
Pads, surcingle	1 per horse public property.
Panniers, grocery, G.S., with padlocks and keys	2 per squadron, 1 for head-quarters.
Pegs, picketing	2 per horse.
Racks, arm, tent	1 per non-commissioned officer an man's tent.
Ropes head, cotton	1 per horse.
Ropes heel	1 per horse and 15 per cent. in addition for unruly horses.
Ropes picketing, 4-ft. 9-in.	1 per horse.
Rugs, horse	5 per 100 horses, veterinary purposes.
Sheets, field, cavalry (or valise bags in lieu)	1 per warrant officer, non-commissioned officers, and man.
Tents, circular, single, linen, complete †	*Field Service—* For headquarters ... ... 9; For officers, per squadron ... 2; For 12 non-commissioned officers and men ... ... 1; For medical purposes ... ... 1. *Standing Camps—* For field officer ... ... 1; For 2 other officers ... ... 1; For 12 non-commissioned officers and men ... ... 1. For miscellaneous 30
Tins, dubbing or grease	4 per regiment.

* Additional to those forming sets of carriage, cart, and wagon stores.

† Blankets, G.S. (1 per warrant officer, non-commissioned officer, and man) and tents are not provided for troops actually in the field for home service, but may be specially ordered for compaigning abroad.

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Camp Equipment and Intrenching Tools—*continued.*

TABLE 25—*continued.*	General Proportions.
TOOLS, &C., FOR INTRENCHING.*	
Axes, pick { heads, 2¾-lbs. ... ... / helves, 29-in. ... ... }	10 per S.A.A. wagon.
Bars, crow, 3-ft. 6-in.	2 per S.A.A. wagon and 1 per squadron.
Shovels, light, cast steel	20 per S.A.A. wagon.
Woolwich Section 3.	
Stretchers, ambulance, Mark V	1 per squadron.
Woolwich Section 26.	
Balances, spring { 80 lbs.	4 per regiment.
4 ,, ...	2 ,, ,,
Implements, butchers' { cases, wood, Mark II ...	2 ,, ,,
sheets, ground, unserviceable	2 ,, ,,
choppers, meat, Mark III	2 ,, ,,
hooks, butchers', dressing, 9-in.	12 ,, ,,
knives, butchers' { cutting ... / flaying, large	2 ,, ,, / 2 ,, ,,
saws, tenon...	2 ,, ,,
steels, butchers'	2 ,, ,,
steelyards, 56 lb.	2 ,, ,,

* Additional to those carried on carriage, cart, and wagon stores.

TABLE 26. Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy note.
164	Equipment	Ledger account.
281 } 283 }	Regimental repairs	{ Daily work book. / Account book.
Forms.		
G 829	Materials for repairing arms	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
G 1037	Materials for repair of harness and saddlery	Requisition.
G 997 } G 1033 } P 1925 } G 980 }	Equipment in general (*blank*)	{ Requisition. / Receipt and issue voucher. / Expense voucher. / Carriers note.
G 1027	General repairs (*blank*)	Requisition.
G 968 } G 973 }	Camp equipment	{ Requisition. / Account (*temporary use*).
G 815	Ammunition, small arm	Requisition.
G 804	,, blank, for reviews ...	Requisition.

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SETS OF TOOLS.

(*Referred to in Table* 16.)

CHEST, TOOL, FILLED, No. 8.

(Saddlers, Pannier, Cavalry Service.)

Articles.	No.
Weedon Section.	
Pliers, flat-nose .... pairs	1
Woolwich Section 7.	
Chests, tool, empty, No. 8	1
Awls — blades — harness — $1\frac{3}{4}$-inch	3
Awls — blades — harness — $1\frac{5}{8}$,, ...	3
Awls — blades — harness — $1\frac{3}{8}$,, ...	3
Awls — blades — pannel, $5\frac{3}{4}$-inch	2
Awls — handles — harness	3
Awls — handles — pannel	2
54 Cav. Gen. No. 1068 **Clams,** collarmakers .... pairs	1
Claws, nail	1
Compasses, common, 7-inch .... pairs	1
Creases — double	1
Creases — single	1
Drivers, screws, G.S., 6-inch	1
Gimlets, common	1
Hammers — collarmakers	1
Hammers — riveting — 8-oz.	1
Hammers — riveting — saddleseat	1
Irons, pricking, 7-stitch	1
Knives — half-round	1
Knives — head	1
Knives — laboratory	1
Lead, punching, collarmakers, 8 lbs.	1
Mallets, tinmans	1
Needles — darning, 4-inch	6
Needles — harness	50
Needles — saddlers, sewing	25

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(Saddlers, Pannier, Cavalry Service)—*continued.*

Articles.	No.
Pincers, saddlers .... pairs	1
Punches, oval { No. 23	2
No. 21	2
No. 20	2
Rasps, shoemakers, 10-inch	1
Rules, collarmakers, 4-fold	1
Scissors, tailors ... . pairs	1
Shaves, collarmakers....	1
Sticks, stuffing	1
Thimbles, tailors	1
Tools, edge, No. 2	1
The undermentioned are not carried in the Chest, and will be separately demanded, charged, and accounted for.	
Stones, oil, carpenters (1 to every 2 chests)	—
Woolwich Section 26.	
Stones, rag farriers', Mark I.	1

CHEST, TOOL, FILLED, No. 9.

(Saddletreemakers, Panniers, Cavalry Service.)

Packed in a Pair of Panniers.

Articles.	No.
Woolwich Section 7.	
Chests, tool, empty, No. 9 .... pairs	1
No. 1 *Pannier.*	
Awls { blades, brad	6
handles, brad { large	1
small	1
Bevels, steel blade, 12-inch	1

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(Saddletreemakers, Panniers, Cavalry Service)—*continued.*

Articles.	No.
Braces, saddle-tree makers	1
Braces, carpenters, bits — countersink — flat	1
countersink — rose	1
gouge — $\frac{1}{4}$-inch	1
gouge — $\frac{3}{16}$,,	1
nose — $\frac{3}{8}$,,	1
nose — $\frac{1}{4}$,,	1
nose — $\frac{1}{8}$,,	1
rimer, square	1
Drivers, screw, G.S. — 14-inch	1
Drivers, screw, G.S. — 6 ,,	1
Files — bastard, half-round, 14-inch	1
Files — saw, three-square — hand, $5\frac{1}{2}$-inch	4
Files — saw, three-square — tenon, 4 ,,	2
Gauges, saddletreemakers — sets	1
Gimlets, common	6
Hammers, riveting — 24-oz.	1
Hammers, riveting — 16-oz.	1
Hammers, riveting — saddle seat	1
Handles, file — large	2
Handles, file — small	5
Mallets, carpenters	1
Pencils, carpenters	6
Planes — jack, double iron	1
Planes — panel	1
Planes — smoothing, G.S.	1
Pots, glue, 1 pint	1
Rasps, coarse, half-round, 12-inch	1
Rules, saddletreemakers	1
Saws, frame, 15-inch	1
Screws, thumb	1
Shaves, spoke — 4-inch	1
Shaves, spoke — $3\frac{1}{4}$,,	1
Stones, oil, carpenters	1
Vices, hand, 16-oz.	1

Woolwich Section 25.

Brushes, paint, sash tool, No. 6 (for glue)	

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(Saddletreemakers, Panniers, Cavalry Service)—*continued.*

Articles.	No.
No. 2 Pannier.	
Woolwich Section 7.	
Chisels .... firmer 1½-inch	1
1 ,, ...	1
¾ ,, ...	1
⅝ ,, ...	1
½ ,, ...	1
⅜ ,, ...	1
¼ ,, ...	1
⅛ ,, ...	1
mortice ¼ ,, ...	1
Compasses, common, 7-inch .... pairs	1
Axes, hand, 3-lb.	1
Planes, plough	1
Saws, dovetail, brass back	1
hand, 24-inch	1
tenon, 19 ,, ...	1
Squares, carpenters, 4-inch	1
Vices, bench, saddletreemakers	1

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CASE, TOOLS AND MATERIALS, SQUADRON, FILLED.

(Saddlers Tools and Materials, Cavalry Squadron.)

Articles.		No.
Woolwich Section 6.		
Hair, horse, saddlery	lbs.	4
Hides, brown, backs, collar	..	$\frac{12}{32}$
Serge, collarmakers	yards	1
Thread flax, fine	ozs.	4
Thread whited brown	,,	2
Twine, quilting	,,	2
Not in Vocabulary.		
Pads, small, for galls.*		24
Woolwich Section 7.		
Cases, tools and materials, squadron, empty		1
Awls blades harness $1\frac{1}{4}$-inch		1
Awls blades harness $1\frac{5}{8}$,,		1
Awls blades pannel, 4-inch		1
Awls handles harness		2
Awls handles pannel		1
Clams, collarmakers	pairs	1
Knives, half-round		1
Needles darning, 4-inch		2
Needles harness No. 3		6
Needles harness ,, 6		6
Needles saddlers, sewing		3
Punches spring		1
Punches spring, cutters		1
Sticks, stuffing		1
Thimbles, tailors		1
Woolwich Section 11.		
Wax, bees	ozs.	2

* To be made regimentally.

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PANNIER, TOOLS AND MATERIALS, FILLED, CARPENTERS.

(Cavalry and Infantry.)

Articles.	No.
Woolwich Section 3.	
Panniers, General Stores	1
Woolwich Section 7.	
Augers 1-inch	1
Augers $\frac{3}{4}$,, ...	1
Augers handles 16-inch	1
Augers handles $13\frac{1}{2}$,, ...	1
Awls, brad blades	6
Awls, brad handles, large	2
Baskets, tool	1
Cans, oil, lubricating, armourers	1
Chisels firmer, $\frac{1}{4}$-inch	1
Chisels hand, cold, $\frac{3}{4}$-inch × 8-inch	1
Chisels socket, $\frac{3}{4}$-inch	1
Compasses, wing, 10-inch .... pairs	1
Drivers, screw, G.S., 12-inch	1
Files, saw, three-square, hand, $5\frac{1}{2}$-inch	3
Gimlets common	3
Gimlets spike, $\frac{5}{16}$-inch	2
Hammers, riveting, 24-oz.	2
Handles, file, small	2
Knives, drawing, carpenters	1
Pencils, carpenters	6
Pincers, carpenters .... pairs	1
Planes, smoothing, G.S.	1
Punches, carpenters, small	1
Rules, collarmakers, 4-fold	2
Saws, hand, 24-inch	1
Sets, saw, hand	1
Shaves, spoke, $3\frac{1}{4}$-inch	1
Spanners, McMahon, 15-inch	1
Squares, carpenters, 9-inch....	1
Stones, oil, carpenters	1

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Pannier, Tools and Materials, filled, Carpenters (Cavalry and Infantry)—*continued.*

Articles.			No.
Woolwich Section 10.			
Locks, pad, brass, small		....	2
Nails, steel	clasp, cut	No. 62 .... lb.	½
		,, 63 .... ,,	½
		,, 64 .... ,,	1
	rosehead, wrought	,, 121 .... ,,	½
		,, 122 .... ,,	½
		,, 123 .... ,,	1
Screws, iron, flat head		1-inch, gauge No. 8	36
		1 ,, ,, ,, 12	36
		1½ ,, ,, ,, 11	36
		1½ ,, ,, ,, 13	36
		2 ,, ,, ,, 13	36
		2 ,, ,, ,, 14	36
		2½ ,, ,, ,, 14	36
		2½ ,, ,, ,, 16	36
Woolwich Section 11.			
Bottles, tin, oil, with screw top, 2 quarts			1
Glue, best, town made		lb.	2
Woolwich Section 26.			
Stones	rag....		1
	rub, scythe		1

Weight of pannier, packed, 80 lbs.

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PANNIER, TOOLS AND MATERIALS, FILLED, COLLAR-MAKERS, CAVALRY REGIMENT.

(Head Quarters.)

Articles.	No.
Woolwich Section 3.	
Panniers, General Stores	1
Woolwich Section 4.	
Ties, linch pin	24
Woolwich Section 5.	
Traces { chains, wheel	1
Traces { hooks, sliding	1
Woolwich Section 6.	
HARNESS AND SADDLERY.	
Buckles, iron, roller, single { 2-inch	3
Buckles, iron, roller, single { $1\frac{3}{4}$-inch, bow leg	3
Buckles, iron, roller, single { $1\frac{1}{2}$,, ...	3
Buckles, iron, roller, single { $1\frac{1}{4}$,, ...	3
Buckles, iron, roller, single { $\frac{7}{8}$,, ...	3
Buckles, iron, roller, single { $\frac{1}{2}$,, ...	3
Basils, brown, strained	1
Hair, horse, saddlery .... lbs.	6
Hides, brown, backs, collar	$\frac{8}{32}$
Numnah cuttings .... lbs.	1
Serge, collarmakers .... yards	1
Thread { flax, fine .... ozs.	8
Thread { whited brown .... ,,	4
Twine, quilting .... ,,	4

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Pannier, Tools and Materials, filled, Collarmakers, Cavalry Regiment (Head Quarters)—*continued.*

Articles.	No.
Woolwich Section 7.	
Awls — blades — backing	6
Awls — blades — buckling — 4-inch	3
Awls — blades — buckling — $2\frac{3}{4}$,,	3
Awls — blades — drawing	2
Awls — blades — garnishing — $2\frac{1}{4}$-inch	2
Awls — blades — garnishing — $1\frac{7}{8}$,,	2
Awls — blades — harness — $1\frac{7}{8}$,,	3
Awls — blades — harness — $1\frac{3}{4}$,,	4
Awls — blades — harness — $1\frac{5}{8}$,,	4
Awls — blades — harness — $1\frac{3}{8}$,,	4
Awls — blades — harness — $1\frac{1}{4}$,,	3
Awls — blades — pannel — $5\frac{3}{4}$,,	2
Awls — blades — pannel — 4 ,,	2
Awls — handles — drawing	4
Awls — handles — harness	4
Awls — handles — pannel	4
Bones, hollow	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	1
Clams, collarmakers	1 pairs
Claws, nail	1
Creases — double	1
Creases — single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common	1
Hammers — collarmakers	1
Hammers — riveting — 8-oz.	1
Hammers — riveting — saddleseat	1
Holdalls, collarmakers	1
Irons — collar, 23-inch	1
Irons — pricking — 12-stitch	1
Irons — pricking — 8 ,,	1
Irons — pricking — 5 ,,	1
Irons — seat stuffing, 14-inch	1
Knives — clasp	1
Knives — gauge, plough	1
Knives — half-round	1
Knives — head	1
Lead, punching, collarmakers, 4 lbs.	1
Mallets — collar	1
Mallets — tinmans	1

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Articles.	No.
Woolwich Section 7—continued.	
Needles, collar, half moon, 4½-inch	1
Needles, collar, half moon, 5½ ,,	1
Needles, collar, half moon, 6½ ,,	1
Needles, collar, packing, No. 1	2
Needles, collar, packing, ,, 2	2
Needles, collar, packing, ,, 3	3
Needles, collar, packing, ,, 4	3
Needles, collar, packing, ,, 5	3
Needles, collar, packing, ,, 6	2
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers, sewing	100
Needles, saddlers, stitching	25
Palms, collarmakers	1
Pincers, saddlers pairs	1
Pliers, flat-nose ,,	1
Punches, oval, No. 31	1
Punches, oval, ,, 30	1
Punches, oval, ,, 28	1
Punches, oval, ,, 27	2
Punches, oval, ,, 24	1
Punches, oval, ,, 23	1
Punches, oval, ,, 22	2
Punches, oval, ,, 20	2
Rasps, shoemakers, 10-inch	1
Rules, collarmakers, 4-fold	1
Scissors, tailors pairs	1
Shaves, collarmakers	1
Spikes, marline, wood	1
Thimbles, tailors	2
Tools, edge, No. 1	1
Tools, edge, ,, 2	1
Tools, edge, ,, 3	1
Woolwich Section 10.	
Locks, pad, brass, small	2
Woolwich Section 11.	
Wax, bees ozs.	3
Wax, black ,,	4
Woolwich Section 26.	
Stones, rag	1

Weight of pannier, packed, 86¾ lbs.
Ditto, for pack-transport, 80 lbs.*
* Reduced 6¾ lbs. by omitting the "traces, chain, wheel," and "hook sliding," and reducing the hair to 3 lbs.

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PANNIER, TOOLS AND MATERIALS, FILLED, SADDLERS, CAVALRY REGIMENT.

(Head Quarters.)

Articles.	No.
Woolwich Section 1.	
Billets, buff, waist belt, Cavalry, line, all ranks, without buckle	6
Carriages, waist belt, buff, Cavalry, line — long	2
Carriages, waist belt, buff, Cavalry, line — short	2
Woolwich Section 3.	
Panniers, General Stores	1
Woolwich Section 6.	
HARNESS AND SADDLERY.	
Basils, brown, unstrained	1
Buckles, iron, roller — barred, $1\frac{1}{4}$-inch, curved	3
Buckles, iron, roller — double, $1\frac{1}{4}$-inch, headcollar	6
Buckles, iron, roller — double, 1 ,, ...	3
Buckles, iron, roller — double, $\frac{7}{8}$,, ...	6
Buckles, iron, roller — double, $\frac{3}{4}$,, ...	6
Buckles, iron, roller — single, $1\frac{1}{4}$-inch	6
Flaps, carbine, bucket	1
Hair, horse .... lb.	8
Hides, brown backs, collar	$\frac{16}{32}$
Linen, brown .... yards	$1\frac{9}{16}$
Numnah cuttings .... lb.	1
Rings, iron, $1\frac{3}{4}$-inch, slight	3
Serge, collarmakers .... yards	2
Studs, wallet	6
Thread — flax, fine .... lb.	1
Thread — whited brown .... ozs.	8
Twine, quilting .... ,,	4
Web, straining ... . yards	2
Woolwich Section 7.	
Awls — blades — harness — $1\frac{1}{4}$-inch	3
Awls — blades — harness — $1\frac{3}{8}$,, ...	3
Awls — blades — harness — $1\frac{5}{8}$,, ...	3
Awls — blades — pannel, $5\frac{3}{4}$-inch....	2
Awls — handles — harness	3
Awls — handles — pannel	2
Cards, towsing, small	1
Clams, collarmakers .... pairs	1
Claws, nail	1
Compasses, common, 7-inch .... pairs	1

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Pannier, Tools and Materials, filled, Saddlers, Cavalry Regiment (Head Quarters)—*continued.*

Articles.	No.
Woolwich Section 7—continued.	
Creases { double	1
Creases { single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common	1
Hammers { collarmakers	1
Hammers { riveting { 8-oz.	1
Hammers { riveting { saddleseat	1
Holdalls, collarmakers	1
Irons, pricking, 7-stitch	1
Knives { half-round	1
Knives { head	1
Knives { laboratory	1
Lead, punching, collarmakers, 4 lbs.	1
Mallets, tinmans	1
Needles { darning, 4-inch	1
Needles { harness	50
Needles { sewing, saddlers	25
Pincers, saddlers pairs	1
Pliers, flat-nose ,,	1
Punches, oval { No. 23	2
Punches, oval { ,, 21	2
Punches, oval { ,, 20	2
Rasps, shoemakers, 10-inch	1
Rules, collarmakers, 4-fold	1
Scissors, tailors pairs	1
Shaves, collarmakers	1
Sticks, stuffing	1
Thimbles, tailors	1
Tools, edge, No. 2	1
Woolwich Section 10.	
Locks, pad, brass, small	2
Woolwich Section 11.	
Wax { bees ozs.	4
Wax { black ,,	4
Woolwich Section 26.	
Stones { rag	1
Stones { rub, scythe	1

When equipping for War there should be demanded a general store pannier and any of the foregoing articles not in the Peace set of saddlers tools, and the wood pannier returned to store.

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Despatch No......

AMERICAN EMBASSY,
LONDON.

Dec. 28 1898

Lieut. Col. A. E. Bates,
Deputy Paymaster General,
Military Attaché.

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PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HER MAJESTY.
(Wt. 17569 875 11 | 98 6012A)

WAR DEPARTMENT,
Military Information
DIVISION.
Jan 6 1899
Adjutant General's Office.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION III.

ARMY SERVICE CORPS DETAILS.

WAR OFFICE, 1898.

LONDON:
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PART 2.—DETAILS OF EQUIPMENT.

SECTION III.—ARMY SERVICE CORPS.

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Sect. III. Army Service Corps.

Arms.

TABLE 1.	Proportions. Peace or War.
Weedon Section.	
Carbines, M.M., Artillery, Mark III, or M.E., Artillery, Mark I	1 per rank and file, excepting those with medical units in war.
Pull throughs	1 per carbine and 5 per cent. spare.
Reflectors, mirror..	3 per company.
Rods, clearing, ·303 arms, carbine, pattern B.*	1 per carbine.
Pistols { Webley	4 per company, in peace for instructional purposes, 1 per warrant officer and others armed with swords in war.
Pistols { „ rods, cleaning, L.S.	
Sword-Bayonets, pattern '88 ..	1 per unmounted rank and file and trumpeter.
Swords { cavalry, pattern '90 ..	1 per mounted regimental serjeant-major, staff serjeant-major, staff serjeant, serjeant, and trumpeter, excepting those with medical units in war.
Swords { staff serjeants, pattern '90, iron hilt.. ..	1 per first-class staff serjeant-major, unmounted warrant officer, staff serjeant, and serjeant.
Scabbards { sword-bayonet, pattern '88 ..	1 per unmounted rank and file and trumpeter.
Scabbards { sword, cav. pattern	1 per cavalry sword.
Scabbards { „ staff serjts., patt. '97 (or '89)	1 per staff serjeant's sword.

* Cleaning rods will be issued with all ·303 arms, but except as regards the supply branch, in time of peace, will be in possession of corporals only, those for other ranks being withdrawn and kept in regimental charge.

Service Ammunition.

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TABLE 1a.	Peace. Home and abroad.	War. To be carried on the soldier.
Woolwich Section No.23.		
Cartridges small-arm, ball, cordite { ·303	20 per carbine	20 per carbine.
Cartridges small-arm, ball, cordite { pistol, Webley ..	12 per pistol ..	12 per pistol.

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Articles for Musketry Instruction.

These are supplied to Aldershot and Woolwich, for peace use only, in accordance with para. 138, Part I.

Materials for Repair, Browning, and Cleaning of Arms.

As detailed in Appendix VIII, Part I.

Accoutrements.

TABLE 2.	Proportions. Peace and War.
Woolwich Section No. 1.	
Belts — pouch, buff, G.S.	1 per 1st class staff serjeant-major, unmounted warrant officer, and staff serjeant.
Belts — waist, buff — cavalry, patt. '85, O.R.	1 per mounted regimental serjeant-major, staff serjeant, serjeant and trumpeter.
Belts — waist, buff — warrant officers, G.S.	1 per staff serjeant's sword.
Bottles — water, enamelled, L.S.*	All ranks.
Bottles — zinc, oil	1 per carbine and 5 per cent. spare.
Cases, brown, pistol, L.S.	1 per pistol.
Chains, with end rings, spare ..	3 per cent. of water bottles on charge.
Chapes, waist belt, patt. '82, buff	2 per unmounted trumpeter, and 1 per rank and file.
Corks, complete, without chains, spare	5 per cent. of water-bottles on charge.
Frogs, bayonet, G.S.	1 per unmounted trumpeter, and 1 per rank and file.
Handcuffs, common	2 per company.
Knots, sword, buff — cavalry, line, O.R.	1 per cavalry belt.
Knots, sword, buff — G.S.	1 per staff serjeant's sword.
Lanyards, pistol	1 per pistol.
Pouches, ammunition, brown, pistol, infantry	1 ,, and 1 per warrant officer and serjeant with medical units—war.

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1/43
93

* For repair of the bottles the following material will be allowed annually:—

Buff, strips — 5 per cent. of bottles in possession with rivets and washers per strip.

Covers, water-bottle, enamelled — 5 per cent. of bottles in possession.

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Accoutrements—*continued.*

TABLE 2—*continued.*	Proportions. Peace and War.
Woolwich Section No. 1—cont.	
Pouches, writing materials, conductors	1 per 1st class staff serjeant-major, unmounted warrant officer, and staff serjeant.
Slings, carbine, buff, artillery ..	1 per carbine.
Straps, buff, water-bottle.. ..	1 per water-bottle.
Valise, equipment, patt. '82, buff — belts, waist, G.S. ..	1 per unmounted trumpeter and all rank and file.
Valise, equipment, patt. '82, buff — braces, serjeants' and rank and file — left / right	1 per valise.
Valise, equipment, patt. '82, buff — pouches, ammunition ..	1 per rank and file.
Valise, equipment, patt. '82, buff — straps — great-coat and mess tin ..	2 all ranks, unmounted.
Valise, equipment, patt. '82, buff — straps — supporting ..	2 per valise.
Valise, equipment, patt. '82, buff — valises, japanned ..	1 per unmounted trumpeter and rank and file.

Articles for Repair of Accoutrements.

TABLE 3. Annual Supply.	Proportions for: One Company Mounted portion. Service.	One Company Mounted portion. Depot.	50 sets of Accoutrements for Mounted men.	50 sets of Accoutrements for Dismounted men.
Woolwich Section No. 1.				
Billets, buff — pouch, V.E., patt. '82	...	...	...	1
Billets, buff — waist belt, cavalry, line, all ranks, without buckles	6	11	7	...
Buckles — brass — brace, ring barred, V.E., patt. '82 ...	...	...	...	1
Buckles — brass — frog	...	...	...	1
Buckles — brass — strap, V.E., great coat and mess tin...	...	...	...	3
Buckles — brass — waist belt, patt. '82	1	1	...	1
Buckles — brass — waist belt billet, cavalry, line... ...	1	2	1	...
Buckles — gilt, waist belt, infantry	...	...	...	1
Buckles — iron, valise	...	...	...	5
Buttons — brass	2	4	3	...
Buttons — leather, sling, buff	...	...	...	2

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Articles for Repair of Accoutrements—*continued.*

TABLE 3—*continued.*

Annual Supply.	Proportions for: One Company Mounted portion. Service.	One Company Mounted portion. Depôt.	50 sets of Accoutrements for Mounted men.	50 sets of Accoutrements for Dismounted men.
Woolwich Section No. 1—continued.				
Carriages, waist belt, buff — cavalry, line — long	1	1	...	...
Carriages, waist belt, buff — cavalry, line — short	1	1	...	...
Carriages, waist belt, buff — infantry — long	...	...	...	1
Carriages, waist belt, buff — infantry — short	...	...	...	1
Catches, waist belt — brass, V.E., patt. '82	2	3	2	...
Catches, waist belt — gilt, cavalry	...	...	...	1
Chapes, black, V.E., patt. '82 — 7½ in. × ¾ in.	...	...	...	3
Chapes, black, V.E., patt. '82 — 4 in. × ¾ in.	...	...	...	5
Dees, brass, pouch, V.E.	...	...	...	1
Fronts, frog, buff	...	...	...	1
Hooks — brass — side, cavalry, line	1	2	1	...
Hooks — brass — snake	1	2	1	...
Hooks — gilt — side, G.S.	...	...	...	1
Hooks — gilt — snake	...	...	...	1
Loops — brass — valise	...	...	...	1
Loops — brass — waist belt, V.E., triangular	...	...	...	2
Loops — gilt, waist belt, with eye	...	...	...	1
Patches, leather — pouch, buff	.	...	...	2
Patches, leather — waist belt, buff	...	...	...	2
Pieces, leather — black, 2¼-in. by ½-in. (for valise)	...	...	...	3
Pieces, leather — buff — 5¾-in. by ¾-in. (for carbine sling and waist belt)	2	4	3	4
Pieces, leather — buff — 4¼-in. by 1⅛-in. (for pouch)	...	...	...	2
Pieces, leather — buff — 4¼-in. by ⅜-in. (for great coat and mess tin strap)	...	...	...	2
Pieces, leather — buff — 3-in. by ½-in. (for sword knot and supporting and mess tin straps)	2	4	3	5
Rings, brass, waist belt	1	1	...	...
Safes, waist belt, buff, infantry, S. and R. and F., patt. '82	...	...	...	1
Straps, black, V. E., patt. '82, valise	...	...	...	2
Studs, brass, ammunition bag and pouch	...	...	...	1

NOTE.—Repairs to station staff accoutrements will be carried out by the companies at the station.

Musical Instruments.

TABLE 4.

Woolwich Section No. 29.	
Bugles	1 per company, peace and war.
Trumpets	1 per company, peace and war.
Strings, bugle, green...	1 per bugle and trumpet. *Extra for training boys.* 10 bugles (with strings) and 10 trumpets (with strings) for Transport Depôt, Aldershot. 8 bugles (with strings) and 8 trumpets (with strings) for Transport Depôt, Woolwich.

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Camp Equipment.

TABLE 5.	Proportions. Peace and War.
Woolwich Section No. 2.	
Axes, felling, curved helve ..	1 per wagon and forage cart.
Boxes { candle, F.S.	5 per company, war only.
Boxes { stationery, field	2 ,,
Buckets, water, G.S., leather ..	2 per wagon, or 1 per forage cart and men, whichever is greater.
Cords, forage	1 per horse, and 15 per cent. spare, peace only.
Covers, saddle*	1 per set of saddlery or harness, including officers, peace only.
Hooks { bill	1 per wagon.
Hooks { reaping	2 ,,
Kettles, camp, oval, 12 quart ..	1 per 15 warrant and N.C. officers and men, for peace. For war, 1 per 3 officers will be supplied in addition.
Lanterns, tent, folding	2 per company, peace; 5 war.
Mallets, heel-peg	1 per 8 horses, peace; war, 1 per 6 horses.
Nets, forage .. .. .. pairs	1 per horse, war only.
Pads, surcingle	1 ,, ,,
Panniers, grocery, G.S., with padlocks and keys	1 per company, war only.
Pegs, picketing, with rope loop ..	2 per horse.
Ropes { head, cotton	1 ,,
Ropes { heel, Mark IV	1 per horse, and 15 per cent. added for unruly horses.
Ropes { picketing, 4 ft. 9 in. ..	1 per horse.
Sheets, field, cavalry, or valise bags in lieu	1 per mounted man, war only.
Surcingles, web, cavalry	1 per pair draught horses, war only.
Tents, complete, circular, single linen†	1 per company, peace, for drill purposes.
TOOLS, &c., FOR INTRENCHING.	
Axes, pick { heads, 6½ lbs. ..	1 per wagon, peace and war.
Axes, pick { helves, 34½ in. ..	
Shovels, universal	
Spades, N.P.	

* These are for protection of harness and saddlery in camp or bivouac, but will be used while on the march for protecting the mounted kits. They should only be drawn from store when required.

† Five per cent. spare pins for tents are also provided.

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Camp Equipment—*continued.*

TABLE 5—*continued.*	Proportions. Peace and War.
BUTCHERS' IMPLEMENTS.	
Woolwich Section No. 8.	
Saws, tenon, 14 in. (butchery implement)	1 per company, war only.
Woolwich Section No. 26.	
Balances, spring, 4 lb.	1 per company, war only.
Implements, butchers' — cases, wood, Mark II ..	1 per company, war only.
Implements, butchers' — sheets, ground (unserviceable)	1 per company, war only.
Implements, butchers' — choppers, meat, Mark III ..	1 per company, war only.
Implements, butchers' — hooks, butchers', dressing, 9 in.	6 per company, war only.
Implements, butchers' — knives — cutting	1 per company, war only.
Implements, butchers' — knives — flaying, large ..	1 per company, war only.
Implements, butchers' — steels	1 per company, war only.
Implements, butchers' — steelyards, 56 lbs.	1 per company, war only.

Vehicles and their Appurtenances.

TABLE 6.	Proportions. Peace and War.
Woolwich Section No. 3.	
Covers, wagon, ambulance ..	1 per ambulance wagon — peace only.
Hoops, bale, wagon, ambulance sets	1 per ambulance wagon — peace only.
Pins, linch, with tread plate (spare)	1 per company — peace only.
Wagons, ambulance — lamps — left hand	1 per ambulance wagon — peace only.
Wagons, ambulance — lamps — right ,, ..	1 per ambulance wagon — peace only.
Washers, plain, wagon, ambulance (spare)	1 per ambulance wagon — peace only.
Woolwich Store Charge No. 4.	
Axletrees, hind* .. .. spare	1 per company.
Bars, splinter, wagon, G.S., lock under	1 ,, war only.

* According to mark of G.S. wagons

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Vehicles and their Appurtenances—*continued.*

TABLE 6—*continued.*	Proportions. Peace and War.
Woolwich Section No. 4—continued.	
Carts forage	1 per company, war, excepting company with cavalry brigade which has 2.
Carts water barrel (or tank)..	2 per company, war, with companies with corps troops and infantry divisions; 3 per infantry brigade company; 1 with cavalry brigade company; and 8 with field bakery.
Carts water funnels	
Chains, pole, wagon .. spare	1 per company, peace only.
Covers cart, forage	1 per forage cart.
Covers wagon, G.S.	1 per G.S. wagon.
Forges, field, G.S., Mark II ..	1 per company, peace and war, excepting companies with corps troops and infantry brigades in war, which have 2 each.
Hoops, bale, sets cart, forage ..	1 per cart.
Hoops, bale, sets wagon, G.S. ..	1 per wagon.
Pins, linch, 3rd class .. spare	1 per vehicle peace and war.
Poles, wagon	1 per 3 wagons, peace and war.
40116 / 5800 **Shafts**, pairs forage cart near spare	1 per 16 carts, war only (including carts with infantry battalions and cavalry regiments).
Shafts, pairs forage cart off ,,	
Shafts, pairs water cart near ,,	
Shafts, pairs water cart off ,,	
Swingletrees .. .. spare	1 per 4-wheeled vehicle, peace and war.
Wagons, G.S.	7 (1 fitted for forge) per company, peace. For War, Company with Corps Troops, 35. Divisions 13, Infantry Brigade; 19 Cavalry Brigade 23, Field Bakery 2.
Washers, drag, 3rd class, B, spare	1 per vehicle.
Wheels, 3rd class, B fore.. ,,	1 of each kind per company, peace, according to pattern vehicles on charge, 1 each kind, war.
Wheels, 3rd class, B hind ,,	
Woolwich Section No. 10.	
Jacks lifting, G.S.	2 per company, peace and war.
Woolwich Section No. 18.	
Cordage, tarred, spun yarn, hemp 3-thread, ... lbs.	5 per 4-wheeled vehicle, peace and war.
Ropes drag	1 per forage cart and G.S. wagon.

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Harness, Saddlery, and Pack Saddlery.

TABLE 7.	Proportions. Peace and War.
Woolwich Section No. 5.	
Saddlery, officers† .. sets	2 per company, peace; 4, war.
Harness, G.S.,* transport, double sets†	13 per service company, 25 per depôt company, peace.
Bits, portmouth { Mark I, harness spare	2 per service company, peace; 4 per depôt company.
Bits, portmouth { hooks, curb { near ,,	1 per company, peace.
Bits, portmouth { hooks, curb { off ,,	1 ,, ,,
Chains, hame .. .. spare	1 per company, peace and war; 2 per depôt company.
Collars, head, R.A. .. ,,	2 per company, peace and war; 3 per depôt company.
Couples, trace	6 per company, peace only
Leggings, drivers .. .. spare	1 per company, peace and war; 2 per depôt company.
Rings, clips	2 per pair hames, old pattern.
Traces { harness, short, pairs spare	8 per service and 12 per depôt company, O.P. harness.
Traces { hooks, sliding .. ,,	2 per service company, 3 per depôt company, peace only.
Whips, driver's .. .. ,,	2 per service company, 4 per depôt company, peace only.
Harness, A.S.C., wheel, double sets‡	1 per pair draught horses, war.
Collars, breast, A.S.C. .. spare	10 per cent., sets of harness, peace; 25 per cent., war.
Hames (with rings), A.S.C., pairs .. .. .. spare	1 per service company, peace; 2 per depôt company.
Straps, kicking	1 per company, peace only.
Whips, driving	2 spare service, 4 spare per depôt company.
Woolwich Section No. 6.	
Saddlery, universal, R.A.† sets	1 per riding horse.
Bits { bridoon .. .. .. spare	3 per service company, 6 per depôt co. (peace only.)
Bits { ,, chains .. .. ,,	2 ,, ,, ,, 4 (peace only.)
Bits { portmouth, Mark I { saddlery .. ,,	1 ,, ,, ,, (peace only.)
Bits { portmouth, Mark I { chains, curb ,,	3 ,, ,, ,, 6 (peace only.)
Bits { portmouth, Mark I { hooks .. ,,	5 ,, ,, ,, 9 (peace only.)
Cruppers, saddlery .. spare	1 ,, ,, ,, 2 (peace only.)
Irons, stirrup, G.S., Mark II ,,	2 ,, ,, peace and war; 4 per depôt company.
Runners, stirrup, leather ,,	2 per service company, peace and war; 4 per depôt company.

* Some companies have N.P. harness. † For details of sets see Appendix, Part 1.
‡ Some companies have G.S. harness on charge which would have to be used for war.

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Harness, Saddlery, and Pack Saddlery—*continued.*

TABLE 7—*continued.*	Proportions. Peace and War.
Woolwich Section No. 27.	
PACKSADDLERY.	
Packsaddlery, G.S.* large .. sets; small .. „	1 each per service and depôt company, peace only.

* For details of sets, *see* Appendix , Part I.

Stable Necessaries.

TABLE 8.	Proportions. Peace and War.
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse, peace and war.
Brushes harness, hard	1 per double set of harness, peace and war.
Brushes horse	1 per public horse, peace and war.
Brushes water carriage ..	1 per local vehicle, on charge.† 1 per company vehicle, peace and war. (An annual supply.)
Combs, curry, Mark II	1 per public horse, peace and war.
Pans, oil	2 per company, peace only.
Pickers, hoof	1 per set of saddlery and double set of harness, peace and war.
Sacks, corn 4-bushel, canvas ..	1 per 12 horses, war only.
Scissors, trimming.. .. pairs	1 per set of saddlery every 5 years, and double set of harness every 3 years.
Sponges, G.S.	1 per riding and 2 per draught yearly on 1st October, and same proportion for war.

† To be replaced when worn out.

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Tools, Artificers, and Opening Packages.

TABLE 9.

	Per Company in War with					Per Company in Peace.			Station Staff.	
							Depot.			
	Corps Troops.	Field Bakery.	Infantry Brigade.	Infantry Divisional Troops.	Cavalry Brigade.	Service.	Dismounted.	Mounted.	Aldershot.	Woolwich.
Woolwich Section No. 7.										
Chests — stocks and dies, Whitworth thread, $1\frac{1}{8}$ inch to $\frac{1}{4}$ inch, filled	1	1	1	1	1	1	...	1	...	...
Chests — tool, filled* — No. 3 C ...	2	1	3	2	2	1	...	2	1	1
Chests — tool, filled* — No. 5 A ...	2	1	3	2	2	1	...	2	1	1
Chests — tool, filled* — No. 11 A ...	1	1	2	1	1	1	...	1	...	...
Cans, paint	...	...	...	...	...	2	...	4	2	2
Chisels, ripping	1	1	1	1	1	1	1	1	...	...
Drivers, screw, G.S., 9-inch	1	1	1	1	1	1	1	1	...	...
Hammers, riveting, 24 oz.	1	...	1	1	1	1	1	1	...	...
Woolwich Section No. 8.										
Knives — laboratory	1	1	1	1	1	1	1	1	...	...
Knives — palette	...	...	...	...	...	2	...	2	1	1
Knives — putty	...	...	...	...	...	2	...	2	1	1
Woolwich Section No. 15.										
Plates, stencil, brass (figures and letters)	...	...	...	...	...	2	...	2	1	1
Woolwich Section No. 25.										
Brushes — paint† — ground 000 ...	...	...	...	...	...	2	...	2	1	1
Brushes — paint† — unground 000 ...	...	...	...	...	...	2	...	2	1	1
Brushes — paint† — sash tool — No. 2	...	...	...	...	...	4	...	4	2	2
Brushes — paint† — sash tool — No. 4	...	...	...	...	...	2	...	2	1	1
Brushes — paint† — sash tool — No. 6	...	...	...	...	...	2	...	2	1	1
Brushes — sable, writing — crow, large ...	...	...	...	...	...	1	...	1	1	1
Brushes — sable, writing — duck — large ...	...	...	...	...	...	3	...	1	1	1
Brushes — sable, writing — duck — small ...	...	...	...	...	...	1	...	1	1	1
Knives, opening tins	2	2	4	4	4	...	...	...	...	...

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54 A.S.C. 2408

* For details of contents of chests, see Appendix V, Part 1.
† To last 3 years.

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Tools, Artificers, and Opening Packages—*continued.*

TABLE 9—*continued.*	Per Company in War with					Per Company in Peace.		Station Staff.	
	Corps Troops.	Field Bakery.	Infantry Brigade.	Infantry Divisional Troops.	Cavalry Brigade.	Service.	Depot.	Aldershot.	Woolwich.
SHOEING TOOLS.*									
Woolwich Section No. 1.									
Wallets, farriers†	7	8	9	5	6	3	3	...	...
Woolwich Section No. 7.									
Aprons, basil, white	14	16	18	10	12	6	6	...	...
Buffers, farriers	7	8	9	5	6	3	3	...	...
Chest, tool, empty, No. 5	...	...	...	...	...	1	1	...	...
Hammers, farriers, shoeing	7	8	9	5	6	3	3	...	...
Woolwich Section No. 8.									
Knives, drawing, farriers	7	8	9	5	6	3	3	...	...
Knives, searching, farriers	7	8	9	5	6	3	3	4	3
Pincers, farriers, pairs	7	8	9	5	6	3	3	...	...
Rasps, farriers, 16-inch	14	16	18	10	12	6	6	...	...
Stones, rag	14	16	18	5	6	3	3	...	...

* For supply of forge tools see Section VII, Part 1.
† To be replaced by bags (tool), farriers, when worn out.

Branding Irons, Stencil Brushes and Plates, and Stamps.

TABLE 10. Peace only.	Per Company.			Station Staff.			
	Service.	Depôt. Dismounted.	Depôt. Mounted.	Woolwich.	Aldershot.	Dublin.	Curragh.
Woolwich Section No. 25.							
Brushes, stencil*	2†	2	...	...	...	...	...
Irons, branding, figures, 0 to 8, $\frac{5}{8}$-in. ... sets	1	...	2	2	2	1	1
Irons, branding, letters, 3 letter, $\frac{5}{8}$-in. (A.S.C.) ...	1	...	2	2	2	1	1
Plates, stencil, paper*	2†	2	...	...	...	...	...
Stamps, copper, inlaid, figures, 0 to 8, $\frac{1}{2}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps, copper, inlaid, letters, 3 letter, $\frac{1}{2}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
Stamps, steel, for metal, figures, 0 to 8, $\frac{1}{2}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps, steel, for metal, letters, 3 letter, $\frac{1}{2}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
Stamps, steel, for metal, figures, 0 to 8, $\frac{3}{10}$-in. ... ... sets	1	3	2	1	1	...	...
Stamps, steel, for metal, letters, 3 letter, $\frac{3}{10}$-in. (A.S.C.) ...	1	3	2	1	1	...	...
Stamps, steel, for wood, figures, 0 to 8, $\frac{3}{16}$-in. ... sets	1	3	2	1	1	...	...
Stamps, steel, for wood, letters, 3 letter, $\frac{3}{16}$-in. (A.S.C.) ...	1	3	2	1	1	...	...

* Marking valises. † Supply companies only.

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Materials for Repair of Carriages.

TABLE II. Description.	12 months' supply per Company. Service.	Depôt.
Woolwich Section No. 4.		
Staples lashing, common	6	9
Staples round crowned, small	4	6
Woolwich Section No. 5.		
Buckles, strap 1-inch	20	32
Buckles, strap $\frac{3}{4}$,, ...	16	24
Woolwich Section No. 18.		
Canvas, 36-inch ... ... yards	10	15
WHEELERS AND CARRIAGE SMITHS.		
Woolwich Section No. 4.		
Boxes, pipe, wheel, 3rd class, B, metal nave	1	1
Hooks, lashing	2	4
Hoops, bale, rough, $11\frac{1}{6}$ ft.	1	2
Shafts ... No. 97	1	1
Shafts ... ,, 98	...	1
Soles, drag shoe, No. 15	8	12
Woolwich Section No. 9.		
Iron, wrought, flat ... $2\frac{1}{2}$-inch × $\frac{5}{8}$-inch ... ... lbs.	9	14
Iron, wrought, flat ... 2 ,, × $\frac{1}{2}$,, ... ,,	9	14
Iron, wrought, flat ... 2 ,, × $\frac{1}{4}$,, ... ,,	10	16
Iron, wrought, flat ... $1\frac{1}{2}$,, × $\frac{1}{2}$,, ... ,,	10	16
Iron, wrought, flat ... $1\frac{1}{2}$,, × $\frac{3}{8}$,, ... ,,	10	16
Iron, wrought, flat ... $1\frac{1}{2}$,, × $\frac{5}{8}$,, ... ,,	8	12
Iron, wrought, flat ... $1\frac{1}{4}$,, × $\frac{1}{4}$,, ... ,,	6	8
Iron, wrought, flat ... 1 ,, × $\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, flat ... 1 ,, × $\frac{3}{8}$,, ... ,,	6	8
Iron, wrought, flat ... $\frac{3}{4}$,, × $\frac{1}{2}$,, ... ,,	5	7
Iron, wrought, hoop, $1\frac{1}{4}$,, × 17 ,, W.G. ... ... ,,	8	12
Iron, wrought, round $1\frac{1}{2}$-in. ... ... ,,	8	12
Iron, wrought, round $\frac{7}{8}$,, ... ,,	8	12
Iron, wrought, round $\frac{5}{8}$,, ... ,,	10	16
Iron, wrought, round $\frac{1}{2}$,, ... ,,	10	16
Iron, wrought, round $\frac{3}{8}$,, ... ,,	9	14
Iron, wrought, round $\frac{1}{4}$,, ... ,,	9	14
Iron, wrought, square $1\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, square $\frac{1}{2}$,, ... ,,	8	12
Iron, wrought, square $\frac{3}{8}$,, (or rod nail) ... ... ,,	8	12
Steel, cast, square, 1-in. ... ... ,,	3	5
Woolwich Section No. 10.		
Nails, steel ... brad, wrought, No. 26 ... ... lbs	$\frac{1}{2}$	$\frac{1}{2}$
Nails, steel ... clasp, wrought, fine No. 71 ... ... ,,	3	4
Nails, steel ... clasp, wrought, fine ,, 72 ... ... ,,	3	5
Nails, steel ... clasp, wrought, strong ,, 80 ... ... ,,	4	6
Nails, steel ... clout, wrought, countersink head, strong No. 103 ,,	1	$1\frac{1}{2}$
Nails, steel ... clout, wrought, countersink head, strong ,, 104 ,,	1	1
Nails, steel ... clout, wrought, countersink head, strong ,, 105 ,,	2	3
Nails, steel ... tacks, clout No. 201 ... ... ,,	$\frac{1}{2}$	$\frac{1}{2}$
Nails, steel ... tacks, clout ,, 203 ... ... ,,	$\frac{1}{2}$	$\frac{1}{2}$

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Materials for Repair of Carriages—*continued.*

	TABLE II—*continued.* Description.	12 months' supply per Company. Service.	Depôt.
	Woolwich Section No. 10—continued.		
38407 Equip. 1750	**Screws** iron, flathead 2-in., gauge No. 22 ... ... gross	1	$1\frac{1}{2}$
	$1\frac{1}{2}$,, ,, ,, 13 ... ... ,,	2	3
	$1\frac{1}{2}$,, ,, ,, 29 ... ... ,,	$\frac{1}{2}$	$\frac{3}{4}$
	1 ,, ,, ,, 12 ... ... ,,	1	$1\frac{1}{2}$
	$\frac{3}{4}$,, ,, ,, 13 ... ... ,,	1	$1\frac{1}{2}$
	$\frac{3}{4}$,, ,, ,, 12 ... ... ,,	1	$1\frac{1}{2}$
	looped No. 1* ... ... ,,	1	1
	,, 3 flat† ... ... ,,	12	20
	Woolwich Section No. 11.		
	Chalk, white ... ... lbs.	$\frac{1}{4}$	$\frac{1}{2}$
	Glue, best town made ... ... ,,	1	$1\frac{1}{2}$
	Grease, Field's ... ... ,,	168	224
	Woolwich Section No. 12.		
38407 Equip. 1750	**Timber** deals 9-in. × $1\frac{1}{8}$-in. (10 ft.)	12	12
	9 ,, ,, $1\frac{1}{8}$,, (9 ,,)	8	10
	9 ,, ,, $1\frac{1}{8}$,, (12 ,,)	8	8
	9 ,, ,, $1\frac{1}{8}$,, (11 ,,)	4	4
	9 ,, ,, $\frac{7}{8}$,, (9 ,,)	18	21
	9 ,, ,, $\frac{3}{4}$,, (10 ,,)	8	8
	ash, English, scantling in sizes 9-in. × $1\frac{1}{2}$-in. × 8-ft.	2	2
	$2\frac{1}{4}$,, ,, $\frac{7}{8}$,, ,, $4\frac{1}{2}$-ft.	4	4
	3 ,, ,, 2 ,, ,, 4 ,, 10-in. ...	4	4
	elm, English, scantling in sizes 16 ,, ,, $1\frac{1}{8}$,, (10 ft.)	2	2
	4 ,, ,, 4 ,, (5 ft.)	2	2
	oak, plank, in the inch 8 ,, ,, 3 ,, (10 ft.)	3	3
	Woolwich Section No. 13.		
	Pins, shaft, No. 30 shaft...	1	1
	Straps, securing, 1-in. × 26-in.	4	6
	Staples, lashing, with plate, double	2	3
	Woolwich Section No. 15.		
	Bolts, with nuts, tire, 3rd class	4	6
	Woolwich Section No. 19.		
	Bars ... shaft, No. 96 shaft ... ... pairs	...	...
	rough, splinter, wagon, G.S., lock under	1	1
	Felloes ... No. 147 wheel	1	1
	,, 151 ,, ...	1	1
	Futchels, wagon, rough, No. 25	1	2
	Spokes ... No. 145 wheel	1	
	,, 150 ,, ...	1	2
	Not in Vocabulary.		
	Steel, blister, flat, $2\frac{1}{2}$-in. × $\frac{1}{2}$-in. ... ... lbs.	3	5

* For converted light supply, and Mark III ambulance wagons.
† For Mark III and IV G.S. wagons.

For War, *see* Mobilization Store Tables.

Materials for Painting Carriages.

For proportions supplied, see Appendix VII, Part 1.

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Materials for repair of N.P. A.S. Corps Harness.

TABLE 12.

	12 months' supply per company. Service.	Depôt.	Remarks.
Woolwich Section No. 5.			
Protectors, cloak	1	1	
Saddletrees, flaps, drivers ... ... pairs	...	...	As required quarterly.
Saddletrees, flaps, luggage ... ... ,,	...	...	As required quarterly.
Saddletrees, flaps, officers ... ... ,,	...	...	As required quarterly.
Saddletrees, seats, iron-arch, drivers	...	...	As required quarterly.
Saddletrees, seats, iron-arch, luggage	..	...	As required quarterly.
Saddletrees, seats, wood-arch, officers	...	...	As required quarterly.
Saddletrees, seats, wood-arch, drivers (also universal)	...	...	As required quarterly.
Woolwich Section No. 6.			
Basils, brown, strained	½	1	
Basils, brown, unstrained...	10	20	
Bosses, breastplate	1	1	
Bosses, head collar, officers	1	1	
Buckles, brass, roller, double, 1⅛-in.	1	1	
Buckles, brass, roller, double, 1 ,, ...	1	1	
Buckles, brass, roller, double, ⅞ ,, ...	1	1	
Buckles, brass, roller, double, ¾ ,, ...	5	8	
Buckles, brass, roller, double, ⅝ ,, ...	1	1	
Buckles, brass, roller, single, 1-in.	1	2	If required.
Buckles, brass, roller, barred, 1¼-in., curved ...	3	6	
Buckles, iron, roller, double, 1¼-in., head collar	1	2	
Buckles, iron, roller, double, 1 ,, ...	1	2	
Buckles, iron, roller, double, ⅞ ,, ...	1	1	
Buckles, iron, roller, single ... 1¾ ,, bow leg ...	2	4	
Buckles, iron, roller, single ... 1¾ ,, straight leg	2	4	
Buckles, iron, roller, single ... 1¼ ,, girth ...	4	8	Or 1 inch for new pattern girth.
Buckles, iron, roller, single ... ¾ ,, ...	3	6	
Buckles, iron, roller, single ... ⅝ ,, ...	2	4	
Buckles, iron, tinned, inlet, 1⅛-in.	4	8	
Buckles, iron, tinned, inlet, ⅞ ,, †	...	...	For boss breastplate as required. Not required for iron-arch saddles.
Burrs, copper...	...	...	For boss breastplate as required. Not required for iron-arch saddles.
Cantles, brass, drivers	...	...	For boss breastplate as required. Not required for iron-arch saddles.
Cantles, brass, luggage	...	...	For boss breastplate as required. Not required for iron-arch saddles.
Cord, cotton (for loops of drivers' whips) yds.	8	16	
Cord, whip ... ... lbs.	2	4	
Facings, lambskin, transport ... ... sets	1	1	
Felt, brown, 43 in. wide ... ... yds.	3/16	3/8	
Felt, cuttings* ... ... lbs.	2 1/10	5 3/5	
Flock ... ... ,,	1	2	
Hair, cow‡ ... ... ,,	...	...	
Hair, horse, saddlery‡ ... ... ,,	...	...	
Hides, brown, backs, bridle	½	1	
Hides, brown, backs, collar	2	4	
Hides, brown, backs, heavy	1½	2½	
Hides, brown, cloak	3/20	1	
Hides, horse	1/20	1/10	

* When cuttings are not available, felt in the piece will be issued in the proportion of 1 yard felt to 5 lbs. cuttings.

† 5 per cent. of numnah pannels on charge.

‡ Only when hair pannels are used at the rate of 7 lbs. for 25 pairs.

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Materials for Repair of N.P. A.S. Corps Harness—*continued.*

TABLE 12—*continued.*

	12 months supply per company. Service.	Depôt.	Remarks.
Woolwich Section No. 6—continued.			
Nails, brass	2	4	
Pins, cantle, brass	2	4	
Rings, brass 1½-in.	1	1	
Rings, brass 1¼ ,,	1	1	
Rings, iron, 1¾-in., slight	1	2	
Saddletrees arches, iron drivers front	1	2	
Saddletrees arches, iron drivers hind	1	2	
Saddletrees arches, iron luggage front	1	2	
Saddletrees arches, iron luggage hind	1	2	
Saddletrees arches, iron universal front	1	2	
Saddletrees arches, iron universal hind	1	2	
Saddletrees bars, side, shaped drivers near	1	2	
Saddletrees bars, side, shaped drivers off	1	2	
Saddletrees bars, side, shaped luggage near	1	2	
Saddletrees bars, side, shaped luggage off	1	2	
Saddletrees bars, side, shaped universal near	1	2	
Saddletrees bars, side, shaped universal off	1	2	
Saddletrees burrs, brass	1	2	
Saddletrees cantles	...	...	As required quarterly.
Saddletrees dees	5	10	
Saddletrees flaps, universal ... pairs	...	...	As required quarterly.
Saddletrees plates crupper, brass	...	...	
Saddletrees plates for dees luggage	2	4	
Saddletrees plates for dees universal	2	4	
Saddletrees plates front brass	...	...	As required quarterly.
Saddletrees plates front iron, universal	1	1	
Saddletrees plates gullet, universal	1	1	
Saddletrees plates top brass	...	...	As required quarterly.
Saddletrees plates top iron, universal	1	1	
Saddletrees plates with dees drivers	2	3	
Saddletrees plates with dees luggage	2	3	
Saddletrees rivets copper long	6	12	
Saddletrees rivets copper short	8	16	
Saddletrees rivets iron, 2-in.	8	16	
Saddletrees screws, brass, fine	4	8	
Saddletrees seats, iron or steel-arch, universal	...	...	As required quarterly.
Saddletrees staples cloak and wallet, universal, N.P.	1	2	
Saddletrees staples crupper, brass	...	...	As required quarterly.
Saddletrees staples flank, drivers and luggage	2	4	
Saddletrees staples front, brass	1	1	
Saddletrees staples girth	3	6	
Saddletrees troughs, back band	1	1	
Saddletrees washers	1	2	
Serge, collarmakers* ... yds.	...	...	
Skins, lamb (for repairs)	...	...	As required quarterly.
Squares brass	1	1	
Squares iron	1	1	
Studs, wallet	4	8	

* ½ yard to each 5 pairs hair pannels in use.

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Materials for Repair of N.P. A.S. Corps Harness—*continued.*

TABLE 12—*continued.*	12 months' supply per company. Service.	Depôt.	Remarks.
Woolwich Section No. 6—continued.			
Thread black, 3-cord ... ... lbs.	¼	½	
Thread flax, fine ... ... ,,	3½	7	
Thread whited-brown ... ... ,,	½	1	
Twine, quilting* ... ... ,,	...	...	
Web diaper, 2-in. ... ... yds.	2½	5	If in possession of web girth.
Web hemp, 3½ ,, ... ,,	5	10	
Web straining ... ... ,,	3	6	
Web worsted, blue, 3½-in. ... ... ,,	3	6	
Woolwich Section No. 8.			
Paper, glass ... ... quires	½	1	
Pencils, carpenters	1	2	
Wire copper, No. 7 W.G., hard... ... lbs.	½	½	
Wire iron... ,, 1 ,, ,, ... ,,	¼	½	
Wire iron... ,, 4 ,, ,, ... ,,	½	1	
Woolwich Section No. 9.			
Spelter, brass ... ... ,,	¼	⅓	
Woolwich Section No. 10.			
Nails, steel clout, wrought, flathead, fine, No. 90 ... ... lbs.	2	4	
Nails, steel tacks, cut, No. 197 ... ... ,,	¾	1½	
Screws brass, ⅝-in., gauge No. 13	2	4	
Screws iron, flathead 1¾-in., gauge No. 14 ...	2	4	
Screws iron, flathead 1¼ ,, ,, ,, 13 ...	2	4	
Screws iron, flathead ¾ ,, ,, ,, 10 ...	2	4	
Screws iron, flathead ⅝ ,, ,, ,, 9 ...	12	24	
Woolwich Section No. 11.			
Borax, refined ... ... lbs.	½	¼	
Oil, rape ... ... galls.	12½	23	
Soap yellow... ... ... bars	113⅓	203⅓	
Soap soft ... ... lbs.	204	366	
Wax bees' ... ... ,,	½	1	
Wax black ... ... ,,	2	4	
Woolwich Section No. 18.			
Twine, packing, small ... ... lbs.	¾	1½	

* For re-whipping head ropes, 2 oz. per 25, and 1 oz. additional per pair of hair pannels in use.

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Materials for Repair of N.P. A.S. Corps Harness—*continued.*

TABLE 12—*continued.*	12 months' supply per company. Service.	Depôt.	Remarks.
Not in Vocabulary.			
Dees, iron, tinned, 2½-in.	1	1	
Cordage, hemp, white, Italian, 1¾-in., 3 strand fms.	12	24	
MISCELLANEOUS STORES.			
Woolwich Section No. 11.			
Dubbing ... ... lbs.	17	30½	
Ink, marking‡.. ... ... pints	½	1	
Oil, linseed, raw * ... ... ,,	¼	½	
Varnish, spirit, shellac * ... ... ,,	½	1	
Mixture, stamping woollens§	...	...	
Not in Vocabulary.			
Woolwich Section No. 36.			
Linen, old { for cleaning ... ... lbs.	25	50	
Linen, old { for repair of nosebags ... ,,	2	4	
SPECIAL TO ARMY SERVICE CORPS HARNESS.			
Woolwich Section No. 5.			
Rings, trace hook†	100	100	
Woolwich Section No. 6.			
Buckles, nickel { roller { double, 1-in.	1	2	
Buckles, nickel { roller { single { 1½-in.	1	2	
Buckles, nickel { roller { single { ¾ ,, ...	6	4	
Buckles, nickel { single { 1¾-in.	1	2	
Buckles, nickel { single { 1¼ ,, ...	1	2	
Buckles, nickel { single { 1 ,, ...	2	4	
Buckles, nickel { single { ⅞ ,, ...	2	4	
Dees, nickel, 1½-in.	1	1	
Links, nickel, 1¼-in	1	2	
Loops, crupper, double, nickel	1	2	
Rings, nickel { 1¾-in.	1	1	
Rings, nickel { 1⅝ ,, ...	1	1	
Rings, nickel { 1½ ,, ...	1	1	
Screws, pad, nickel	1	2	
Squares, nickel, 1¾-in. by 1¼-in	1	1	

* For side bars newly put into saddletrees.
† To be kept in water until required for use.
‡ For nose bags, corn sacks and corn bags.
§ For saddle blankets and horse rugs, ¼ pint will be allowed for each 150.

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Materials for Repair of N.P. A.S. Corps Harness—*continued.*

TABLE 12.—*continued.*	12 months' supply per company. Service.	Depôt.	Remarks.
Not in Vocabulary.			
Chains, iron, 18-in.	*	*	
Dees, iron, $1\frac{3}{4}$-in. by $2\frac{3}{8}$-in.	1	1	
Hooks, steel, sliding, N.P.	*	*	
Links, iron ... double eye	*	*	
Links, iron ... swivel with hook			
Squares, iron, trace, $1\frac{5}{8}$-in.	*	*	

For War, see Mobilization Store Tables.

Materials for Repair of Harness (O.P.) and Saddlery.

(The quantities allowed in this Table are not to be drawn in addition to those specified in Table 12.)

TABLE 13.	12 months' supply per Company. Service.	Depôt.
HARNESS AND SADDLERY.		
Woolwich Section No 5.		
Protectors, cloak, drivers	1	1
Saddletrees flaps drivers	As required quarterly.	
Saddletrees flaps luggage		
Saddletrees flaps officers		
Saddletrees seats, iron-arch drivers	As required quarterly.	
Saddletrees seats, iron-arch luggage		
Saddletrees seats, wood-arch drivers (also universal)		
Saddletrees seats, wood-arch luggage		
Saddletrees seats, wood-arch officers		
Traces, chains, wheel	1	1
Woolwich Section No. 6.		
Basils, brown strained	$\frac{1}{2}$	1
Basils, brown unstrained	10	20
Bosses bit	4	5
Bosses breastplate...	1	1
Bosses head collar, officers	1	1
Buckles, brass, roller double $1\frac{1}{8}$-in.	1	1
Buckles, brass, roller double 1 ,, ...	1	1
Buckles, brass, roller double ,, ...	1	1
Buckles, brass, roller double ,, ...	5	8
Buckles, brass, roller double ,, ...	1	1
Buckles, brass, roller single, 1-in.	1	2

Articles marked thus (*) should be treated as "spare articles" and so accounted for, they would be rarely required, and should not be treated as materials for repairs.

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Materials for Repair of Harness (O.P.) and Saddlery—*continued.*

TABLE 13—*continued.*

	12 months' supply per Company. Service.	Depôt.
Woolwich Section No. 6—continued.		
Buckles, iron — roller — barred, $1\frac{1}{2}$-in., curved	3	6
double — $1\frac{1}{2}$-in.	3	6
1 ,,	4	8
$\frac{7}{8}$,,	4	5
single — 2 ,,	2	4
$1\frac{3}{4}$,, bow leg	2	4
$1\frac{3}{4}$,, straight leg	2	4
$1\frac{1}{2}$,,	3	6
$1\frac{1}{4}$,,	4	8
1 ,, short leg	6	12
1 ,, barred	4	8
$\frac{7}{8}$,,	6	12
$\frac{3}{4}$,,	12	24
$\frac{5}{8}$,,	4	8
tinned — roller — $\frac{3}{4}$,,	4	8
$\frac{5}{8}$,,	4	6
inlet — $1\frac{1}{2}$,,	4	6
$\frac{3}{4}$,,	4	8
$\frac{5}{8}$,, *	...	...
Burrs, copper	4	8
Cantles, brass — drivers	1	1
luggage	1	1
Cord — cotton (for loops of drivers' whips) ... yds.	8	15
whip ... lbs.	2	4
Facings, lambskin, transport ... sets	1	1
Felt — brown, 48 inches wide† ... yds.	$\frac{3}{10}$	$\frac{3}{8}$
cuttings† ... lbs.	$2\frac{13}{16}$	$5\frac{5}{8}$
Flock	1	2
Hair — cow‡ ... ,,	...	...
horse, saddlery‡ ... ,,	...	...
Hides — backs — bridle	$\frac{1}{2}$	1
collar	2	4
heavy	$1\frac{1}{5}$	$2\frac{1}{8}$
cloak	$\frac{1}{3}$	$\frac{2}{3}$
horse§	$\frac{3}{16}$	$\frac{1}{3}$
Nails, brass	2	4
Pins, cantle — brass	2	4
iron, tinned	4	8
Rings — brass — $1\frac{1}{2}$-in.	1	1
$1\frac{1}{4}$,,	1	1
iron — $1\frac{3}{4}$,, slight	4	8
1 ,,	2	4
snipe bill	8	16
Saddletrees — arches — drivers — front	1	2
hind	1	2
luggage — front	1	2
hind	1	2
universal — front	1	2
hind	1	2
bars, side, shaped — drivers — near	1	2
off	1	2
luggage — near	1	2
off	1	2
universal — near	1	2
off	1	2
burrs, brass	1	2
cantles	α	...

* 5 per cent. of Numnah pannels in possession.

† When cuttings are not available, felt in the piece will be issued in proportion of 1 yard felt to 5 lbs. cuttings.

‡ Only when hair pannels are used—at the rate of 7 lbs. for 25 pairs.

§ Repair of whips, &c. α As required quarterly

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Materials for Repair of Harness (O.P.) and Saddlery—*continued.*

TABLE 13—*continued.*

	12 months' supply per Company. Service.	Depôt.
Woolwich Section No. 6—continued.		
Saddletrees: dees	5	10
flaps, universal	*a*	*a*
plates: crupper, iron	1	2
for dees: luggage	2	4
for dees: universal	2	4
front: brass	*a*	*a*
front: iron, universal	1	1
gullet, universal	1	1
top: brass	*a*	*a*
top: iron, universal	1	1
with dees: drivers	2	3
with dees: luggage	2	3
rings: drivers	2	4
rings: luggage	2	4
rivets: copper: long	6	12
rivets: copper: short	8	16
rivets: iron, 2-inch	8	16
screws, brass, fine	4	8
seats: iron or steel-arch, universal; wood-arch	*a*	*a*
staples: cloak and wallet, universal, N.P.	1	2
staples: crupper, brass	*a*	*a*
staples: flank, N.P., luggage	2	4
staples: ,, drivers and luggage	2	4
staples: front: brass	1	1
staples: front: iron, drivers	2	4
staples: girth	3	6
troughs, back band	1	1
washers	1	2
Serge, collarmakers*	...	...
Skins: lamb (for repairs)	*a*	*a*
Skins: sheep ,,	½	¾
Squares: brass	1	1
Squares: iron	1	2
Studs: breastplate, pattern '84	2	2
Studs: wallet	8	16
Studs: frog, sword, saddle	2	3
Thread: black, 3-cord ... lbs.	¼	½
Thread: flax, fine ... ,,	3½	7
Thread: whited brown ... ,,	½	1
Twine, quilting ... ,,	1	2
Web: diaper, 2-inch ... yds.	2½	3
Web: hemp, 3½ ,, † ... ,,	5	10
Web: straining ... ,,	1½	6
Web: worsted, blue, 3¼-inch ... ,,	3	6
Woolwich Section No. 8.		
Needles: harness	10	15
Needles: saddles, sewing	5	10
Paper, glass ... quires	½	1
Pencils, carpenters	1	2
Wire: copper, No. 7 W.G., hard ... lbs.	½	½
Wire: iron ... ,, 1 ,, ,, ... ,,	1	½
Wire: iron ... ,, 4 ,, ,, ... ,,	½	1
Woolwich Section No. 9.		
Spelter, brass ... lbs.	¼	½

a As required quarterly. * Hair pannels only—2¼ yds. for 25 saddles.
† If in possession of web girths.

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Materials for Repair of Harness (O.P) and Saddlery—*continued.*

TABLE 13—*continued.*		12 months' supply per Company. Service.	Depôt.
	Woolwich Section No. 10.		
Nails, steel	clout, wrought, flathead, fine, No. 90... ... lbs.	2	4
	tacks, cut, No. 197 ... ... ,,	$\frac{3}{4}$	$1\frac{1}{2}$
Screws	brass, $\frac{5}{8}$-inch, gauge, No. 13	2	4
	iron, flathead: $1\frac{3}{4}$-inch, gauge No. 14	2	4
	iron, flathead: $1\frac{1}{2}$,, ,, ,, 13	2	4
	iron, flathead: $\frac{3}{4}$,, ,, ,, 10	2	4
	iron, flathead: $\frac{5}{8}$,, ,, ,, 9	12	24
	Woolwich Section No. 11.		
Borax, refined ... ... lbs.		$\frac{1}{2}$	$\frac{1}{4}$
Glue, best town made ... ... ,,		$\frac{1}{2}$	$\frac{1}{2}$
Oil, rape ... ...galls.		$12\frac{3}{4}$	23
Soap	soft ... ... lbs.	204	366
	yellow... ... ... bars	$113\frac{1}{3}$	$203\frac{1}{3}$
Wax	bees ... ... lbs.	$\frac{1}{2}$	1
	black ... ... ,,	1	4
	Woolwich Section No. 18.		
Cordage, bolt, white, 3-in. ... ... fms.		4	8
Twine, packing, small ... ... lbs.		$\frac{3}{4}$	$1\frac{1}{2}$
Canvass, sail, No. 3 (for repairing bottoms of nosebags) ... yds.		1	2
	Not in Vocabulary.		
Dees, iron, tinned, $2\frac{1}{4}$-in.		1	1
Strips, leather, for pipes, trace ... ... pairs		2	4
	MISCELLANEOUS STORES.		
	Woolwich Section No. 11.		
Dubbing, ... lbs.		17	$30\frac{1}{2}$
Ink, marking† ... ... pts.		$\frac{1}{2}$	1
Oil, linseed, raw* ... ... ,,		$\frac{1}{4}$	$\frac{1}{2}$
Varnish, spirit, shellac* ... ... ,,		$\frac{1}{2}$	1
Mixture, stamping woollens§		—	—
	Woolwich Section No. 26.		
Rivets, fire buckets, $\frac{1}{2}$-in., with washers†		—	—
	Not in Vocabulary.		
	Woolwich Section No. 36.		
Blankets, old, pieces of ... ... lbs.		1	1
Linen	(for repair of nosebags and corn sacks) ... ... ,,	2	4
	(for cleaning) ... ... ,,	25	50

* For side bars newly put into saddletrees.
† 3 per 10 saddles, iron-arch, drivers, luggage; wood-arch, drivers, N.P.; luggage N.P. For attaching side rein buckle to saddletree.
‡ For nose bage, corn sacks, and corn bags.
§ For horse and saddle blankets—$\frac{1}{4}$ pint will be allowed for each 150 blankets.

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Parts of Harness and Saddlery, and Equitation Articles.

TABLE 14.	Aldershot.	Woolwich.	Dublin.	Curragh.	Remarks.
HARNESS AND SADDLERY.					
Woolwich Section No. 5.					
Bridles — mouthing — bits	3	2	2	2	
Bridles — mouthing — heads, bridle	3	2	2	2	
Bridles — mouthing — reins...	3	2	2	2	
Bridles — snaffle	3	2	2	2	
Cavisons	3	2	2	2	
Cavisons — Cords	3	2	2	2	
Crosstrees — complete	3	2	2	2	
Crosstrees — reins, running	3	2	2	2	
Rollers, breaking	2	1	1	1	
Whips — hand	3	2	2	2	
Whips — longeing	3	2	2	2	
Woolwich Section No. 6.					
Saddlery, officers'	9	4	1	1	
Saddlery, universal	9	4	3	2	

Materials for Repair and Preservation of Equitation Articles.

TABLE 15.	Woolwich.	Aldershot.	Dublin	Curragh.	
HARNESS AND SADDLERY.					
Woolwich Section No. 5.					
Sponges, G.S.	2	2	2	2	Annual Supply.
Woolwich Section No. 6.					
Cord, whip... ... ... ozs.	4	6	4	4	
Woolwich Section No. 11.					
Oil, rape ... ... pints	2	3	2	2	
Soap, soft* ... ... lbs.	7	10	7	7	
Not in Vocabulary.					
Linen, old ... ... lbs.	½	¾	½	½	

* ½-bar of yellow soap may be drawn for every ¾-lb. of soft, if preferred.

NOTE.—No other materials than those given in this table are considered necessary, the materials supplied for repairing the Harness and Saddlery generally being sufficient for casual repairs to the Equitation Articles also.

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Stores for Instruction.

TABLE 16.

	Articles.	Per Depôt Company at Aldershot.	Woolwich.	Dublin.	Curragh.	Remarks.
	Weedon Section.					
54 A.S.C. 2379	**Carbines** { M.H., artillery, D.P.	100	80	...	...	
	Carbines { M.M., artillery*	30	30	...	...	
	Actions, skeleton	...	...	...	...	See paragraph 138, Part 1.
	Aim Correctors	...	...	...	...	
	Implements, action	...	...	...	...	
	Jags, M.H., brass	100	80	...	...	
	Rods, clearing (for M.M. carbines)	30	30	...	...	
	Woolwich Section No. 1.					
	Belts, waist, buff { cavalry, line, O.R.	21*a*	19*a*	...	...	*a* 15 for boys.
	Belts, waist, buff { V.E., patt. '82, G.S.	100	100*b*	...	...	*b* 20 extra for men joining for training.
	Bottles, water, enamelled	100	80	...	...	
	Knots, sword, buff, cavalry, line, O.R.	6	4	...	...	
	Pouches, ammunition, buff, V.E., patt. '82	100	80	...	...	
54 A.S.C. 2379	**Slings**, carbine, buff, artillery	130	110	...	...	
	Straps, buff, water bottle	100	80	...	...	
	Woolwich Section No. 2.					
	Pegs, picketing	40	40	...	...	
	Ropes { head	40	40	...	...	
	Ropes { heel	40	40	...	...	
	Tents, complete, circular, single	5	5	...	...	
	Woolwich Section No. 4.					
	Carts { brake	1	1	...	...	
	Carts { water barrel	1	1	...	...	
	Carts { ,, ,, Funnels	1	1	...	...	
	Wagons, brake	1	1	...	...	
	HARNESS AND SADDLERY.					
	Woolwich Section No 5.					
57 Aldershot. 6200	**Collars** { head	30	20	5	5	
	Collars { neck	12	6	...	...	Large sizes.
	Woolwich Section No. 6.					
	Bits { bridoon	30	20	5	5	
	Bits { portmouth, Mark I., saddlery, with bridle head and reins†	30	20	5	5	
	Cruppers, saddlery	30	20	5	5	
	Girths, leather	30	20	5	5	

* These will be serviceable carbines.
† When stock is exhausted reversible bits will be supplied.

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Stores for Instruction—*continued.*

TABLE 16—*continued.*

Articles.	Per Depôt Company at: Aldershot.	Woolwich.	Dublin.	Curragh.	Remarks.
Woolwich Section No. 6—continued.					
Irons, stirrup, G.S.	60	40	10	10	
Leathers, stirrup	60	40	10	10	
Numnahs, felt	30	20	5	5	
Pannels, iron arch saddles, universal* pairs	60	40	10	10	
Reins, bridoon	30	20	5	5	
Runners, stirrup, leather	60	40	10	10	
Saddles, universal	30	20	5	5	
Surcingles	30	20	5	5	
STABLE NECESSARIES.					
Woolwich Section No. 5.					
Brushes, horse	20	20	...	...	Annual allowance.
Combs, curry	20	20	...	...	
Sponges, G.S.	20	20	...	...	
HARNESS, BRAKE, DOUBLE.					
Woolwich Section No. 5.					
Lead ... ... double sets	1	1	...	...	With brass mounts.
Wheel... ... ... ,,	1	1	...	...	
HARNESS, BRAKE, SINGLE.					
Woolwich Section No. 5.					
Breechings	1	1	...	...	
Collars head	1	1	...	...	
Collars neck	1	1	...	...	
Hames, brass ... ... pairs	1	1	...	...	
Harness and Saddlery Bands, back, $1\frac{3}{4}$-inch	1	1	...	...	
Harness and Saddlery Bits, portmouth, Mark I., harness, with bridle head	1	1	...	...	
Harness and Saddlery Girths, leather	1	1	...	...	
Harness and Saddlery Pannels, wood arch saddles, O.P., luggage, transport ... pairs	1	1	...	...	
Harness and Saddlery Tugs, back band, $1\frac{3}{4}$-inch	2	2	...	...	
Pads, chaise...	1	1	...	...	With brass fittings.
Reins bearing	1	1	...	...	
Reins driving	1	1	...	...	
Straps, hame	1	1	...	...	
Traces, leather	1	1	...	...	
Weedon Section.					
Scabbards, sword†	6	4	...	...	
Swords, practice, mounted corps	6	4	...	...	

* Blankets, saddle, will be issued when stock of pannels is exhausted.
† Of the pattern most suitable for the practice swords supplied.

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Sect. III. Army Service Corps.

Veterinary Stores.

(*Referred to in paragraph* 264, *Part* 1.)

TABLE 17.	Per Company Six months supply.
Woolwich Section No. 2.	
Rugs, horse, brown	5 per 100 horses in war, 2 per 10 in peace.
Pads, surcingle...	
Surcingles, web, cavalry	

Stores specially allowed for "A" and "B" Remount Companies.

TABLE 18.	Remount Company. "A."	"B."
VETERINARY STORES.		
Woolwich Section No. 2.		
Blankets, horse	180	55
Buckets, water, G.S. leather	1	1
Pads, surcingle	112§	...
Surcingles, web, cavalry	108§	...
Stoves, Soyer's	1	...
Boots poultice	6	4
Boots ,, extra large	2	...
Hoods poultice	3	...
Hoods (or head caps)	50	20
TRANSPORT STORES, &c.		
Woolwich Section No. 4.		
Carts forage...	1	1
Carts water barrel	1	1
Carts water ,, funnels	1	1
Carts forge	1	...
Covers, cart forage	1	1
Covers, cart forge	1	...
Ladders, cart, forage fore	2	2
Ladders, cart, forage side	2	2
Hoops, bale, cart forage ... ... sets	1	1
Hoops, bale, cart forge ... ... ,,	1	...
Not in Vocabulary.		
Carts, hay, Bristol Wagon Co.	...	2
Haymaker	...	1
Machines, mowing	...	1
Rakes, hay, horse	...	1
HARNESS AND SADDLERY.		
Woolwich Section No. 5.		
Harness, G.S. single	1	4

§ These will not be required with Mark II blankets.

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

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TABLE 18—*continued.*

	Remount Company. "A."	Remount Company. "B."
SPARE ARTICLES.		
Collars head	155	75
Collars neck	6	12
Reins, driving	...	5
MISCELLANEOUS ARTICLES AND STABLE NECESSARIES.		
Bags, nose, G.S.	32	50
Bridles mouthing bits	...	1
Bridles mouthing heads, bridle	...	1
Bridles mouthing reins	...	1
Bridles snaffle bits	41	5
Bridles snaffle heads, bridle	41	5
Bridles snaffle reins	41	5
Brushes, horse	70	80
Cavisons with cord	4	2
Cavisons without cord	2	...
Collars, false	...	1
Combs, curry	71	80
Cross-trees complete without reins	...	1
Cross-trees reins, running	...	2
Pickers, hoof	66	66
Rings, clip	4	2
Sacks, corn, 5-bushel	12	5
Scissors, trimming	...	5
Sponges, G.S.	70	160
Straps, kicking	1	2
Whips driving	1	2
Whips longeing	3	2
Whips hand	4	1
Not in Vocabulary.		
Harness, farm ... sets	...	1
Muzzles, horse, leather	...	3
Reins, running, in two parts	...	2
Rollers, 5-inch, hemp leather facings	42	...
Woolwich Section No. 6.		
Bits bridoon	94	47
Bits ,, reins	94	47
Numnahs, felt	71	24
Saddlery, universal ... sets	2	8
Straps, baggage	...	198
Surcingles, leather, harness	69	24
SHOEING TOOLS.		
Woolwich Section No. 7.		
Aprons, basil, white	12	6
Bags, tool, farriers'	1	...
Buffers, farriers'	5	3
Hammers, farriers', shoeing	4	3

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

54
A.S.C.
2500

TABLE 18—*continued.*	Remount Company. "A."	Remount Company. "B."
Woolwich Section No. 8.		
Knives drawing, farriers'	10	3
Knives searching, farriers'	8	3
Pincers, farriers' ... pairs	3	3
Rasps, farriers', 16-inch	4	4
Woolwich Section No. 26.		
Stones, rag	4	...
FORGE TOOLS.		
Woolwich Section No. 7.		
Chests, tool, empty, No. 7	2	1
Chisels, farriers'	4	2
Cresses, farriers', sets of 2	2	1
Hammers, farriers' pointing	2	...
Hammers, farriers' turning	3	2
Hammers, farriers' sledge	4	2
Fullers, farriers', handled	6	2
Woolwich Section No. 8.		
Pritchels, farriers'	13	3
Stamps, farriers'	4	4
Tongs, farriers' turning large	2	4
Tongs, farriers' turning small	3	2
Tongs, farriers' turning medium	2	2
Tongs, farriers' fire	2	...
Pokers, smiths'	2	2
Slices, farriers'	2	2
Stakes, farriers'	2	2
Cutters, anvil nail, farriers'	2	2
Cutters, anvil ½ round do.	7	2
Cutters, anvil flat do.	...	2
MISCELLANEOUS TOOLS.		
Woolwich Section No. 7.		
Chests, tool, filled, No. 5 A	1	...
Anvils, 5 lbs.	1	1
Brushes, sable, writing, duck, large	2	...
Chisels, ripping	1	1
Hammers, riveting 8 ozs.	1	...
Hammers, riveting 24 ozs.	1	1
Drivers, screw, G.S., 9-inch	1	1
Hammers collarmakers	1	...
Hammers nail	1	...
Files, bastard, knife, 9-inch	...	2
MISCELLANEOUS ARTICLES.		
Woolwich Section No. 10.		
Jacks, lifting, G.S.	...	1

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Stores specially allowed for "A" and "B" Remount Companies —*continued.*

TABLE 18—*continued.*		Remount Company. "A."	Remount Company. "B."
Woolwich Section No 13.			
Straps, securing, 1 in. × 18-in.		...	4
Woolwich Section No. 25.			
Brushes paint, ground, 000		...	2
Brushes sash tool No. 2		...	2
Brushes sash tool No. 6		1	...
Irons, branding ⅝-in. figures 0 to 8 ... ... sets		4	2
Irons, branding ⅝-in. letters, 3 letter, A.S.C. ... ... ,,		1	...
Irons, branding ¼-in. figures 0 to 8 ... ... ,,		1	...
Irons, branding ¼-in. letters, 3 letters, A.S.C. ... ... ,,		1	...
Irons, branding ¼-in. letters, 2 letter ... ... ,,		1	...
Stamps copper inlaid, ½ in. figures 0 to 8 ... ... ,,		2	1
Stamps copper inlaid, ½ in. letters, 5 letters, A.S.C. B.R. ... ,,		...	1
Stamps copper inlaid, ½ in. 3 letters, A.S.C. ... ... ,,		1	...
Stamps copper inlaid, ½ in. 1 letter, A. ... ... ,,		1	...
Stamps steel, for metal ⅛-in. figures 0 to 8... ... ... ,,		1	1
Stamps steel, for metal ⅛-in. letters 5 letters, A.S.C. B.R. ,,		...	1
Stamps steel, for metal ⅛-in. letters 3 letters, A.S.C. ... ,,		1	...
Stamps steel, for metal ⅛-in. letters 1 letter, A.		1	...
Stamps steel, for metal $\frac{3}{16}$-in. 1 letter, R.		1	...
Stamps steel, for metal $\frac{3}{16}$-in. do. E.		1	...
Stamps steel, for wood, $\frac{3}{16}$-in. figures, 0 to 8 ... ... sets		1	1
Stamps steel, for wood, $\frac{3}{16}$-in. letters, 5 letter A S.C. B.R ... ... ,,		...	1
Stamps steel, for wood, $\frac{3}{16}$-in. letters, 3 letter, A.S.C.		1	...
Stamps steel, for wood, $\frac{3}{16}$-in. letters, 1 letter, A.		1	...
Stamps brass, on wood ↓ 2-in.		...	1
Stamps copper, inlaid, A.R. Depot		1	...
Stamps steel ↓ ½-in.		...	1
Stamps gunmetal ↓ 2-in.		1	...
Stamps typeholders		2	...
Stamps typeholders blocks		2	...
Woolwich Section No. 26.			
Standard, measuring, horse and man		1	1
Stones, rub, scythe		1	...
Tubs, washing, 8 galls. (U.)		...	50

54
A.S.C.
2500

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54
A.S.C
2369

Materials for Repair of Harness and Saddlery of "A" and "B" Remount Companies.

TABLE 19.	Quantity 12 months' supply. "A" Co.	"B" Co.	Remarks.
Woolwich Section No. 6.			
Buckles, brass, roller, double, ¾-in.	2	4	
Buckles, iron, single, 1-in. barred	1	4	
Buckles, iron, double, 1¼-in. head collar ...	2	2	
Buckles, iron, double, 1-in.	2	2	Throat lash.
Buckles, iron, double, ⅞-in.	—	2	
Buckles, iron, tinned, inlet, 1⅛-in.	3	3	
Hides, brown, backs, collar	½	½	
Hides, brown, backs, heavy	¼	¼	
Thread, flax, fine ... ... lbs.	½	½	
Thread, flax, whited brown ... ,,	½	½	For repair of horse blankets.
Woolwich Section No. 11.			
Oil, rape ... ... galls.	4	5	
Soap, soft ... ... lbs.	320	108	
Soap, yellow... ... ... bars	—	60	
Wax, black ... ... lbs.	¼	¼	
Woolwich Section No. 18.			
Canvas, sail, No. 3 ... ... yds.	1	1	For repair of bottoms of nose bags.
Woolwich Section No. 36.			
Not in Vocabulary.			
Blankets, old, pieces of ... ... lbs.	6	6	For repair of horse blankets.
Linen, old ... ... ,,	½	½	For repair of nose bags.

Field Bakery.

Stores to be held by Army Ordnance Department and stored separately for use of Field Bakery units in time of war.

TABLE 20.	
Woolwich Section No. 2.	
Axes, felling, curved helve	16
Axes, hand, 2 lb.	32
Axes, helves, 36 in...	32
Bags, letter, field	1
Boxes, stationery, field	3*

* Filled with forms, books, etc.

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TABLE 20—*continued.*

Woolwich Section No. 2—continued.	
Cradles camp kettles	16
Cradles pail, Mark I (for lanterns)	16
Hooks, bill	16
Kettles, camp oval, 12-quart	48
Lanterns, tent folding	32
Ovens, Aldershot pattern, Mark II	80
Posts, picket, 5 ft.	32
Stools, camp	4
Tables, camp	2
Tents, complete circular, single linen	8
Tents, complete marquee, hospital, without lining	8
Troughs, water, canvas	8
TOOLS, &C., FOR INTRENCHING.	
Axes, pick heads, 6½ lbs.	8
Axes, pick helves, 34½ in.	16
Barrows, hand, single	8
Spades, N.P.	16
MINERS TOOLS AND STORES.	
Wedges, sawyers' steel, 8-inch	32
Woolwich Section, No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Panniers, general service	16
Woolwich Section No. 7.	
TOOLS, ARTIFICERS AND LABOURERS.	
Files, saw, 3-square, cross-cut, 9-inch.	16
Hammer, smiths', uphand, 7-lb.	8
Hammer, handles, 30-inch	16
Woolwich Section No. 8.	
TOOLS ARTIFICERS AND LABOURERS.	
Saws, cross-cut, blades, 5-ft.	8
Saws, cross-cut, handles	24
Sets, saw, pit	16

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Field Bakery—*continued.*

TABLE 20—*continued.*

Woolwich Section No. 10.

Tarpaulins,	30 ft. × 20 ft.	8
	18 ft. × 15 ft.	8

Woolwich Section No. 18.

Cordage, hawser, 3-strand, white, 1½-inch yds.	36

Woolwich Section No. 25.

Bowls, hand		16
Brooms, bass	heads, tropical climates	16
	handles	16
Brushes, bakers', Mark II		16
Scoops, flour, 2-quart		16
Sieves	bakers' hair, 20-in.	16
	brass, wire, 18-in.	8
Thermometers, yeast		8

Woolwich Section No. 26.

BARRACK AND HOSPITAL STORES (Part 2).

Boxes, despatch	2
Knives, bread	32
Machines, weighing, lever, counter, dough	16
Pails, I.G., 4-gallon	32
Rakes, bakers', 8 ft.	24
Scrapers, dough	32
Steelyards, 200 lb., Mark II	16
Troughs, dough, 1 sack, folding	80

Woolwich Section No. 27.

TEXTILE STORES—BEDDING, &c.

Cloths, dough	96

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Technical Equipment for Supply Officer of—

Company as Supply Column with Cavalry Brigade.
" " " " Infantry Divisional Troops.
" " " " " Brigade.
" " " " Corps Troops.

(These stores will be held by Army Ordnance Department at Place of Mobilization for the unit, and issued in time of War only.)

TABLE 21.

Woolwich Section No. 2.	
CAMP EQUIPMENT.	
Axes felling, curved, helve	4
Axes hand, 2-lb.	2
Axes helves, 36-in.	8
Bags, letter, field	1
Boxes, stationery, field	3*
Flags, distinguishing A.S.C.	1
Flags, distinguishing cross-bars	1
Flags, distinguishing pairs, poles	1
Lanterns, distinguishing, green	1
Posts, picket, 5-ft.	4
Sickles	6
Stools, camp	3
Tables, camp	2
Tents, complete, circular, single, linen	2†
Troughs, water, canvas	1
TOOLS, &c., FOR INTRENCHING.	
Axes, pick heads, 6½-lb.	4
Axes, pick helves, 34½-in.	8
Spades, N.P.	4
Woolwich Section No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Panniers, general, service	2
Woolwich Section No. 7.	
TOOLS, ARTIFICERS, AND LABOURERS.	
Braces, carpenters without bits	2
Braces, carpenters bits centre, ¾-in.	4
Braces, carpenters bits gouge, ⅜-in.	2
Braces, carpenters bits screwdriver	2

* Filled with forms, books, &c.
† Not to be issued for Home Defence unless specially detailed in orders from the War Office.

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Technical Equipment for Supply Officer—*continued.*

TABLE 21—*continued.*

Woolwich Section No. 7—continued.

Chisels	hand, cold, 1 in. × 8½ in.	2
	ripping	2
Grindstones, F.S., 10-in.		1
Hammers, claw, 28-oz.		2

Woolwich Section No. 8.

TOOLS, ARTIFICERS, AND LABOURERS.

Nail-pullers, Williams'		2
Needles, collar, packing	No. 2	2
	,, 3	2
	,, 4	2
	,, 5	2

Woolwich Section No. 10.

IRONS AND NAILS (PART 2).

Locks, pad, iron, small (with hasps)		sets	6
Nails, steel	clasp, wrought, No. 80	lbs.	1
	clout, wrought: countersink head, strong, No. 104	,,	1
	clout, wrought: flat-head, fine, No. 93	,,	1
Screws, iron, flat head	2 -in. gauge, No. 14		72
	1¼ ,, ,, 10		24
Tarpaulins	30 ft. × 20 ft.		2
	18 ft. × 15 ft.		4

Woolwich Section No. 11.

OIL, PAINT AND CHEMICALS, &c.

Chalk, white	lbs.	2

Woolwich Section No. 18.

SIDE-ARMS, BLOCKS, CORDAGE, &c.

Blocks, malleable iron, 4 in., double		2
Cordage, hawser, 3-strand, white, 1½ in.	yds.	36
Twine, packing, middling	balls	6

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TABLE 21—*continued.*

Woolwich Section No. 25.

BARRACK AND HOSPITAL STORES (PART 1.)

Brooms, bass	heads, tropical climates	2
	handles	2
Funnels, tin, 1-quart		2
Lanterns, tin, glass sides		5
Measures, field, wine & spirit, nest of 6	nests	2
Scoops, flour	1-quart	2
	1-pint	2

Woolwich Section No. 26.

BARRACK AND HOSPITAL STORES (PART 2).

Bags, bullion			1
Boxes, despatch			1
Cask, water, 54 gallon			1
Clearers, 2-ft. 1-in.			2
Cocks, bib, driving. ¾-in.			4
Gauges,	cattle		2
	tapes, measuring 10-ft.		2
Holsters, butchers'			4
Hooks butchers,	dressing, 13-in.		12
	gamble, tinned		6
Implements, butchers'	valises		2
	hooks, butchers', dressing, 9 in.		12
	knives, butchers'	cutting	2
		flaying, large	6
	steels, butchers'		4
Knives, butchers', sticking			8
Machine, weighing	1,200 lb.		1
	28 lb., steelyard		2
Mallets, slaughtering			2
Masks do.			2
Pails, I.G., 4 gallons			4
Pole-pins, slaughtering			2
Saws, butchers'	bow, 20 in.		2
	blades		4
Steelyards, 200 lb.			4
Tins, butchers'			4

Woolwich Section No. 27.

TEXTILE STORES—BEDDING, &c.

Cloths, wiping	30

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TABLE 22. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Stores	Convoy notes, transport.
204	Regimental Equipment	Account ledger.
281	Regimental Repair	Daily work book.
283		Account book.
Forms.		
G 829	Materials for repairing arms ...	Requisition.
G 957	Materials for repairing accoutrements	Requisition.
P 1900	Accoutrements, amounts received for repair of.	Certificate.
G 1037	Materials for repair of harness, saddlery, and saddletrees...	Requisition.
G 968	Camp Equipment	Requisition.
G 973		Account (*temporary use*).
G 979	Materials for repairing carriages ...	Requisition.
G 997	General equipment (*blank*) ...	Requisition.
G 1033		Receipt and issue voucher.
P 1925		Expense voucher.
G 1027	General equipment materials for repair (*blank*)	Requisition.
G 815	Ammunition, small-arm ...	
G 1047	Artificers tools, mounted services...	Requisition.
G 980	Stores	Carriers note.

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Despatch No......

AMERICAN EMBASSY,
LONDON.

Dec. 28 1898.

Lieut. Col. A. E. Bates,
Deputy Paymaster General,
Military Attaché.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HER MAJESTY.

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Military Information
DIVISION.
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Adjutant General's Office.

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5·4-inch, B.L., Howitzer. (Mark I.) 1897. Price 1*s.*
5-inch, B.L., Howitzer. (Mark I.) 1897. Price 8*s.* 6*d.*
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0·45-inch Maxim M.-H. Chamber Machine. Mounted on Carriages, Field, Machine Gun, and Parapet Mounting. 1893. Price 6*d.*
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LAW. MILITARY. Manual of. 1894. Price 2*s.* 6*d.* (*Out of print.*)

MAGAZINES, AMMUNITION STORES, LABORATORIES, &c. Regulations for. 1894. Price 1*s.* 6*d.*

MEKOMETER. Handbook of the. 1897. Price 6*d.*

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RANGE FINDER. Depression. For Elevated Batteries. Handbook for the. Land Service. 1896. Price 3*d.*

RANGE-FINDING. Field. Manual of. For Officers and Non-Commissioned Officers of the Horse and Field Royal Artillery. 1891. Price 1*s.*

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AUSTRIA-HUNGARY. Military Forces of. 1891. Price 2*s*.

BALKAN STATES. MINOR. Roumania, Servia, Bulgaria, Montenegro, and Greece. Handbook of the Armies of. By Captain C. E. CALLWELL, R.A., Staff Captain. 1891. Price 6*d*.

CAVALRY. Instructions for the Training, Employment, and Leading of. By Major-General CARL VON SCHMIDT. Compiled by Captain VON VOLLARD-BOCKELBERG, 2nd Silesian Dragoons. Translated by Captain C. W. BOWDLER BELL, 8th Hussars. 1881. Price 3*s*. 6*d*.

CHINO-JAPANESE WAR, 1894-95. An Epitome of the. By Captain N. W. H. DU BOULAY, R.A. Price 1*s*. 3*d*.

CYPRUS. Compiled by Captain A. R. SAVILLE, 18th Foot. 1878. Price 2*s*. 6*d*.

DUTCH ARMY (Home and Colonial). Handbook of the. 1896. Price 9*d*.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION III.

ARMY SERVICE CORPS DETAILS.

WAR OFFICE, 1898.

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[Issued with Army Orders dated 1st July, 1898.]

REGULATIONS

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EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION V.

ROYAL ARMY MEDICAL CORPS.

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WAR OFFICE, 1898.

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PART 2.—DETAILS OF EQUIPMENT.

SECTION V.—ROYAL ARMY MEDICAL CORPS.

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Arms.

	TABLE 1.	Proportions (Peace and War).
	Weedon Store Charge.	
	Rifles, M.L.M.	50 service, and 50 D.P., for Depôt for training recruits (for peace only).
54	**Bottles**, oil, M.L.M. rifle	1 per rifle, and 5% spare.
1 | 43	**Protectors**, front sight, M.L.M. rifle	1 per service rifle, and 5% spare.
93	**Pull-throughs**	1 per rifle, and 5% spare.
	Reflectors, mirror	1 per 25 or less service rifles.
	Rods, clearing, ·303-in. arms, rifle	1 per service rifle.
	Sword-bayonets, pattern '88	1 per rifle. (Unserviceable side arms will be supplied for the D.P. rifles, if available.)
	Scabbards, sword-bayonet, pattern '88 ...	
	Sword-bayonets, Lancaster	1 per serjeant, bugler, and rank and file.
	Swords, staff-serjeants, pattern '89, gilt hilt ...	1 per warrant officer and staff serjeant.
	Scabbards—sword-bayonet, Lancaster... ...	1 per sword-bayonet, Lancaster.
	Scabbards—sword, staff-serjeants, pattern '89, steel.	1 per sword.

Ammunition.

For supply of ammunition, *see* Section V, Part 1. Men receiving musketry instruction away from Aldershot will use the rifles of the corps instructing them.

Article for Musketry Instruction.

These are supplied to the Depôt at Aldershot in accordance with para. 138, Part I.

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Accoutrements and Handcuffs.

TABLE 2.	Proportions (Peace and War).
Woolwich Store Charge 1.	
Belts { pouch, buff, G.S. ... ... / waist, buff, warrant officers, G.S. ...	1 per warrant officer and staff serjeant.
Bottles, water, enamelled, L.S.§...	All ranks.
Carriages, drum, buff	1 for Depôt.
Chapes, waist belt, pattern '82†	1 per serjeant and rank and file, and 2 per bugler.
Frogs, buff, sword	1 per serjeant, bugler, and rank and file.
Handcuffs, common ... ... pairs	2 per Depôt.
Knots, sword, buff, G.S.	1 per warrant officer and staff serjeant.
Pouches, writing materials, conductors ...	1 per warrant officer and staff serjeant.
Slings, rifle, buff	1 per rifle.
Straps, buff, water-bottle, dismounted services	1 per water-bottle.
VALISE EQUIPMENT, PATTERN '82, BUFF.	
Belts, waist, G.S.	1 per serjeant, bugler, and rank and file.
Braces, serjeants and rank and file	1 per { left ... / right } valise.
Pouches, ammunition	1 per serjeant and rank and file.
Straps { great coat and mess tin... ... ... / supporting ,, ,, ,, ...	2 per man. / 2 per valise.
Valises, japanned	1 per serjeant, bugler, and rank and file.
VALISE EQUIPMENT, PATTERN '88, BUFF.	
Belts, waist, G.S.	1 per serjeant, bugler, and rank and file.
Braces	1 per { left ... / right } valise.
Pouches, ammunition, ·303-in., 50 rounds ...	1 per serjeant and rank and file.
Straps, { great coat ... ... / mess-tin	2 per valise, and 1 per warrant officer and staff serjeant. / 1 per man, all ranks.
Valises, G.S.	1 per serjeant, bugler, and rank and file.

† Not issued with pattern '88 V.E.

§ For repair of the bottles the following materials will be allowed annually :—

Buff strips ... ... 5 per cent. of bottles in possession, or with 2 rivets and washers per strip.

Chains, with end rings ... ... 3 per cent. of bottles in possession.

Corks ... ... 5 ,, ,, ,,

Covers, water bottle, enamelled ... 5 ,, ,, ,,

54 Cav. 90 54 Gen. No. 7420

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Articles for Repair of Accoutrements.

(*Valise Equipment, Pattern* 1882.)

TABLE 3. Per Annum.	Per 100 sets of Accoutrements (Peace only).	Remarks.
Woolwich Store Charge 1.		
Billets, pouch, buff, V.E., patt. '82	2	
Buckles, brass — brace, ring barred, V.E., patt. '82	2	
frog	2	
strap, V.E., great coat and mess tin ...	4	
waist belt, V.E., patt. '82	2	
Buckles — gilt, waist belt, Infantry	1	
iron, valise	10	
Buttons, leather, sling, buff...	3	
Carriages, waist belt, buff, Infantry — long	1	
short	1	
Chapes, black, V.E., patt. '82 — 7½ in. by ¾-in.	5	
4 ,, ,, ¾-in.	5	
Dees, brass, pouch, V.E.	2	
Fronts, frog, buff	2	
Hooks, gilt, side, G.S.	1	
Loops — brass — valise	2	
waist belt, V.E. — long	2	
triangular	4	
gilt, waist belt, with eye	1	
Patches, leather — pouch, buff	4	
waist belt, buff...	4	
Pieces, leather — black, 2¼-in. by ½-in. (for valise)	10	
buff — 5½ ,, ¾ ,, (for carbine sling) ...	10	
4¼ ,, 1⅛ ,, (for pouch)	4	
4¼ ,, ¾ ,, (for great coat and mess tin strap)	4	
3-in. by ½-in. (for braces, pouch, and great coat and mess tin, and supporting and mess tin straps).	5	
Safes, waist belt, buff, Infantry, S. and R. and F., patt. '82.	2	
Straps, black, V.E., patt. '82, valise	4	
Studs, brass, ammunition bag and pouch	2	

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Articles for Repair of Accoutrements.

Valise Equipment, Pattern 1888.)

TABLE 4. Per Annum.	Per 100 sets of accoutrements (Peace only).	Remarks.
Woolwich Store Charge 1.		
Billets, pouch, buff	2	
Buckles brass: brace, double barred	2	
chape, brace, double, 1 in.	2	
waist-belt: $1\frac{3}{4}$ in.	2	
1 in.	2	
$\frac{7}{8}$ in.	1	
coat-strap, double, $\frac{3}{4}$ in.	2	
mess tin, strap, single, $\frac{3}{4}$ in.	2	
frog	2	
Buckles gilt, waist-belt, Infantry	1	
iron, valise, $\frac{3}{4}$ in.	10	
Buttons, leather, sling, buff	3	
Carriages, waist-belt, buff, Infantry: long	1	
short	1	
Chapes: brace, buff	2	
valise, black, $7\frac{1}{2}$ in. by $\frac{3}{4}$ in.	5	
Fronts, frog, buff	2	
Hooks, gilt, side, G.S.	1	
Loops: brass-wire: brace, $1\frac{3}{8}$ in.	2	
pouch, $1\frac{3}{8}$ in.	2	
gilt, waist-belt: long	1	
with eye	1	
Patches, leather, pouch, $1\frac{1}{10}$ in. by $1\frac{3}{8}$ in. buff	4	
Pieces, leather: black, $2\frac{1}{4}$ in. by $\frac{1}{2}$ in. (for valise)	10	
buff: $5\frac{1}{2}$ in. by $\frac{3}{4}$ in. (carbine sling)	10	
$2\frac{1}{4}$ in. by $\frac{1}{2}$ (mess tin strap)	5	
Runners, leather, waist-belt, buff	4	
Rivets, copper, tinned, ozs.: $\frac{3}{8}$ in. by 7 in.	2	
$\frac{3}{8}$ in. by 12 in.	1	
Safes, leather, waist-belt, buff	2	
Straps, leather: pouch, draw, hogskin	5	
shoulder, buff	2	
valise, black, 13 in. by $\frac{3}{4}$ in.	4	
Studs, brass, pouch	2	

Musical Instruments.

TABLE 5.	Proportions (Peace and War).
Woolwich Store Charge 29.	
Bugles	1 per bugler.
Strings, bugle, green	1 per bugler.
Cases, drum, brass, large	For Depôt only.
Drums, side: brass, large	For Depôt only.
sticks ... pairs	For Depôt only.
Drums, silent*	For Depôt only.

* The service drum-sticks are to be used with the silent drum.

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Sect. V. Royal Army Medical Corps.

Camp Equipment and Intrenching Tools.

See Part I.

Tools, Opening Packages.

TABLE 6.	Proportions (Peace and War).
Woolwich Store Charge 7.	
Chisels, ripping	1 } For each unit at home and unit abroad in time of peace, and for garrison units of the corps only in time of war. 2 sets for the Depôt.
Drivers, screw, general service, 9-inch	1
Hammers, riveting, 24 oz....	1
Woolwich Store Charge 8.	
Knives, laboratory	1

Stencil Brushes and Plates, and Stamps.

TABLE 7.	Proportions (Peace only).
Woolwich Store Charge 25.	
Brushes, stencil	2 } Marking valises } For each unit at at home and unit abroad.
Plates, stencil, paper	2 }
Stamps brass or gun-metal on wood { figures, 0 to 8, ¼-in. sets	1
Stamps brass or gun-metal on wood { letters, 3 letter, ¼-in. M.S.C.	1

Scales of Hospital Equipment. (Active Service.)

(*In the general hospital and hospital ship scales* 20 *beds are included for sick officers.*)

Arms and Accoutrements.

The men for the general hospital, hospital ship and stationary hospital on lines of communication will be furnished, armed, and equipped by the Medical Staff Corps.

In the case of other units by Medical Staff Corps (or volunteer medical staff corps) and Army Service Corps respectively, the detachment of the Army Service Corps being unarmed, but otherwise fully equipped.

General Stores.

TABLE 8.	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field and Hospital.
Woolwich Store Charge, No. 2.					
CAMP EQUIPMENT.					
Axes { felling, curved, helve	...	...	6	4	6
Axes { hand, 2 lb.	...	...	4	...	...
Axes { hammer headed	...	...	...	8	10
Boxes { candle, F.S.	...	...	...	1	1
Boxes { stationery, field	...	...	2*	2*	4*
Buckets, water, G.S. { leather	50	...	...	10	18
Buckets, water, G.S. { canvas	...	...	12	4	4
Chairs, camp	...	30	...	...	...

* Filled with forms, books, &c.

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General Stores—*continued.*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 2—continued.					
CAMP EQUIPMENT—*continued.*					
Flags, distinguishing — cross-bars ... pairs	2	...	2	1	2
Flags, distinguishing — poles, 16 ft. ...	2	...	2	1	2
Hooks — bill	12	...	2	8	6
Hooks — reaping — large	...	...	...	12	9
Hooks — reaping — small	...	...	2	3	6
Kettles, camp, oval, 12-quart (Mark II) ...	27	...	12	10	8
Lamps, candles	...	...	...	...	4
Lanterns, tent — distinguishing, white ...	4	...	4	2	4
Lanterns, tent — folding	6	...	...	1	1
Mallets, heel-peg	1	...	5	8	5
Nets, forage ... ... pairs	3	...	5	56	28
Pads, surcingle	...	...	...	53	23
Panniers, grocery, G.S., with padlocks and keys	...	...	...	2	2
Pegs, picketing, with rope loop	6	...	10	112	56
Ropes — head, cotton	3	...	5	56	28
Ropes — heel (Mark III)	3	...	5	65*	32*
Ropes — picketing, 4-ft. 9 in.	3	...	5	56	28
Rugs, horse, large	...	...	...	3	2
Sheets — field, cavalry	3	...	5	1†	...
Sheets — ground (Mark III)	...	...	100	...	100
Stools, camp (Mark III)	130	20	4	1	4
Surcingles, web, cavalry	...	...	...	25	10
Tables, camp	4	...	2	...	2
Tents — complete — circular, single, linen...	40	...	42	...	...
Tents — complete — marquee, hospital ...	86	...	8	...	...
Tents — complete — operating (Mark I) ...	...	...	1	1	1
Tents — pins, wood, small ... (spare)	...	...	100	...	...
TOOLS, INTRENCHING.					
Axes, pick — head, 2¾ lbs.	...	...	4	3	6
Axes, pick — helves, 29-inch	...	...	4	3	6
Axes, pick — heads, 6½-lb.	12	...	...	...	8
Axes, pick — helves, 34½-in.	12	...	...	...	8
Shovels — light, cast steel	...	...	4	6	6
Shovels — universal	12	...	...	...	8
Spades, N.P.	12	...	...	...	8
Woolwich Store Charge, No. 3.					
FIELD HOSPITAL EQUIPMENT.					
Balances, spring, 30-lb. (Mark I)	1	...	2	...	...
Bars, cooking	...	...	24	24	24
Basins — enamelled — 14-in.	70	10	6	2	4
Basins — enamelled — 7½ ,, ...	145	...	10	...	10
Basins — enamelled — 6 ,, (soup)	557	220	100	...	80
Basins — zinc, 9-in.	...	...	10	...	...
Boilers, water, tin	10	...	...	...	...

* Including 2 for unruly horses (estimated at 15 per cent. of establishment).
† Or valise bags in lieu.

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General Stores—*continued.*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 3—continued.					
FIELD HOSPITAL EQUIPMENT—*continued.*					
Bottles, water { glass	20	...	...	...	...
Bottles, water { toilet (with small tumblers)	6	...	...	...	...
Boxes, match	...	...	...	1	2
Candlesticks, enamelled	100	...	...	...	...
Cases, cylinder, charcoal	13	...	2	1	2
Chairs, officers', folding, field hospital ...	40	...	...	...	...
Covers, wagon, ambulance	...	...	...	10	...
Cups, canteen { drinking, 1 pint	...	...	100	...	...
Cups, canteen { egg, enamelled	150*	50*	20	...	20
Cups, canteen { spitting, enamelled	100*	50*	12	6	12
Curtains, mosquito	...†	...	...	...	...
Cylinders, charcoal	13	...	2	1	2
Dishes, butter, field hospital	550*	...	...	...	...
Feeders, pewter	...	...	6	4	8
Filters, F.H	...	...	2	2	2
Flags { distinguishing, hospital	2	...	2	1	2
Flags { F.H. { pendant	...	...	4	4	8
Flags { F.H. { poles, 5 ft.	...	...	4	4	8
Flannel, white ... ...yards	...	...	6	6	12
Forks, dinner, electro-plate	20	...	...	...	...
Frames, mosquito curtains	...†	...	...	...	...
Glasses, wine	25	...	...	...	...
Hooks, bale, ambulance wagon ... sets	...	...	...	...	...
Jugs, enamelled, { 2-quart	3	...	...	10	...
Jugs, enamelled, { 1 ,, ...	3	...	...	...	...
field hospital		...	...	...	...
Kettles { cooking, nest of 8... ... nests	...	...	2	...	...
Kettles { enamelled	...	...	...	1	2
Knives, dinner, white-handled	20	...	...	...	...
Ladles { cook's, field hospital	6	...	2	2	4
Ladles { soup	3	...	...	...	...
Lamps { hand { small	...	...	4	...	...
Lamps { hand { field hospital	...	...	...	4	8
Lamps { operating, F.H., N.P.	...	...	2	1	2
Lanterns, field hospital {	77‡	...	...	...	...
Lanterns, field hospital { glasses (spare)	231	...	...	...	...
Lines, clothes, hospital, 40 yards	...	...	6	...	4
Mattresses, operating table	...	...	2	1	2
Mills, coffee, F.H.	...	...	2	...	2
Napkins, table	60	...	...	...	...
Packsaddlery, G.S., covers, 6 ft. × 6 ft., field hospital	...	...	...	...	10
§**Panniers** { canteen, empty, with padlocks and keys { A ...	...	...	2	1	2
§**Panniers** { canteen, empty, with padlocks and keys { B ...	...	...	2	1	2
§**Panniers** { canteen, empty, with padlocks and keys { C ...	...	...	2	1	2
§**Panniers** { canteen, empty, with padlocks and keys { D ...	...	...	2	1	2
§**Panniers** { general service, with padlock and keys	...	...	...	2	9
§**Panniers** { intrenching tools	...	...	...	1	2

* Including some for officers' wards. † As required.

‡ When oil is issued 4 of these lamps may be used as lanterns or candlesticks for officers' wards.

§ Panniers, medical, comfort, packed as shown in Field Service Manual, Medical Services, will be supplied on mobilization, to medical units as follows:—

(*a*) Stationary hospitals (4 for each unit) by the officer in charge of the Supply Reserve Depôt, Royal Dockyard, Woolwich.

(*b*) For bearer companies (2 for each unit) and for field hospitals (4 for each unit), in accordance with the Mobilization Instructions, Medical Services.

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General Stores—*continued.*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 3—continued.					
FIELD HOSPITAL EQUIPMENT—*continued.*					
Pannikins, pint, enamelled	550	...	...	30	60
Pans bed, zinc	...	...	8	...	...
Pans bed, enamelled	50	20	...	2	8
Pans frying, 9-in., enamelled	20	...	4	2	4
Pins, linch, with tread plate ... (spare)	...	...	...	10	...
Plates, dinner, enamelled	574	...	100	...	100
Pots chamber, enamelled	80	20	12	4	8
Pots tea ,, ...	30	...	2	2	4
Saucepans, field hospital, nest of 8 ... nests	2	...	2	1	2
Spoons, electro-plate dessert	20	...	...	...	...
Spoons, electro-plate egg	8	...	...	...	...
Spoons, electro-plate tea	20	...	...	...	...
Stands, cruet	3	...	...	...	...
Stools, close, field hospital, nest of 6 nests	11	...	2	1	2
Stoves oil, Rippingille's, No. 55	2	...	...	...	...
Stoves portable	10	...	2	...	2
Stretchers, ambulance (Mark IV or V) ...	20	...	100	8	8
Tables, operating, folding	4	...	1	1	2
Tongs, sugar	3	...	...	...	...
Tow, carbolized ... ... lbs.	...	...	30	20	40
Trays, soap, enamelled...	65	...	...	...	...
Tureens, soup, iron	3	...	...	...	...
Wagons field hospital, store, tins, lamp cotton	...	...	2	...	...
Wagons pharmacy boxes, matches ...	...	...	2	...	...
Wagons pharmacy cans, oil 9 pints...	...	...	2	...	2
Wagons pharmacy cans, oil 5½ ,, ...	...	...	4	2	8
Wagons ambulance, Mark V	...	...	...	10	...
Wagons ,, lamps left hand ...	...	...	...	10	...
Wagons ,, lamps right ,, ...	...	...	...	10	...
Warmers, food, spirit lamp	12	...	...	...	...
Washers, plain, wagon, ambulance, Mark III... ... ... (spare)	...	...	...	10	...
Not in Vocabulary.					
Clocks, circular	2*	...	...	...	...
Netting fly ... ... yards	...	...†	...	...	...
Netting mosquito ... ... ,,	...	...†	...	...	...
Whisks, fly	...†	...†	...	...	...
Woolwich Store Charge, No. 4.					
CARTS AND WAGONS.					
Carts forage	...	...	...	4‡	1§
Carts water barrel (or tank)	...	...	...	1	1§
Carts water ,, funnels	...	...	...	1	1
Covers, cart forage	...	...	...	4‡	1
Covers, cart wagon, G.S.	...	...	...	...	4
Hoops, bale cart, forage ... ... sets	...	...	...	4‡	1
Hoops, bale wagon, G.S. ... ... ,,	...	...	...	...	4

* To be purchased on mobilization. † As may be ordered by the War Office.

‡ One to be left in Ordnance Depôt, as surplus, whenever wagons, G.S. are ordered for supply to the unit. A shaft will be obtained, when required in exchange, from "spare," carried by the supply column.

§ A shaft for carts will be obtainable, when required in exchange, from "spare," carried by the supply column.

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General Stores—*continued.*

TABLE S—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge No. 4—continued.					
CARTS AND WAGONS—*continued.*					
Pins, linch, 3rd class ... ... (spare)	...	...	...	5	6
Poles, draught, No. 7 ... ... ,,	...	...	...	3	1
Swingletrees, No. 3, Mark II ,,	...	...	...	10	4
Wagons, G.S.	...	...	...	...	4
Washers, drag, 3rd class, B ... (spare)	...	...	...	5	6
Wheels, 3rd class, B ... ... ,,	...	...	...	...‖	...‖
Woolwich Store Charge, No. 5.					
HARNESS AND SADDLERY.					
Bags, nose, G.S.	3	...	5	56	28
Bits, snaffle, van*	...	...	...	...	4
Breechings, straps, extending	...	...	...	20	8
Straps, hame, 30-in.*	...	...	...	...	8
Brushes harness, hard	...	...	...	25	10
Brushes horse	...	...	...	53	23
Brushes water, carriage	...	...	...	15	6
Collars, head, R.A. ... ... (spare)	...	...	...	1	...
Combs, curry, Mark II...	...	...	...	53	23
Girths, luggage, pieces, extending	...	...	...	21	9
Harness, A.S.C., wheel ... double sets	...	...	...	25	10
Pickers, hoof	...	...	...	28	13
Reins, driving, long ... ... sets	...	...	...	10	4
Sacks, corn, 4-bushel, canvas	...	...	...	5	3
Scissors, trimming ... ... pairs	...	...	...	28	13
Sponges, G.S.	...	...	...	104	43
Surcingles, leather, harness, straps extending	...	...	...	21	9
Whips drivers' ... ... (spare)	...	...	...	1	...
Whips driving	...	...	...	10	4
Woolwich Store Charge, No. 6.					
HARNESS AND SADDLERY—*continued.*					
Blankets, saddle, Mark III	...	...	...	53§	23§
Irons, stirrup, G.S. ... ... (spare)	...	...	...	1	...
Saddlery, universal, R.A. ... ... sets	...	...	...	3	3
Thread, whited brown... ... ... lbs.	...	...	2	1	2
Woolwich Store Charge, No. 7.					
TOOLS, ARTIFICERS' AND LABOURERS'.					
Axes, hand, 3-lb....	1	...	...	...	...
Cases, saw, cross cut	...	...	2	...	2
Chests, tool, filled, No. 4	...	...	1	...	...
Chisels ripping	1	...	2	1	2
Chisels socket, 1 inch	...	...	...	1	2
Drivers, screw, G.S., 6-in. (with bedside tables)	13	...	...	1	2

* Part of the sets of harness in lieu of reversible bits and ordinary size hame straps.
§ Saddle blankets form part of the sets of harness and saddlery.
‖ One of each kind on ambulance or G.S. wagons of the unit.

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General Stores—*continued.*

TABLE S—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 7—continued.					
TOOLS, ARTIFICERS' AND LABOURERS'—*cont.*					
Files saw, 3-square, cross cut, 8-inch ...	...	...	...	...	2
Files hand, 5½″	...	...	...	...	2
Files tenon, 4″	...	...	...	...	2
Gimlets, common	...	...	...	3	6
Hammers claw, 20 oz.	1	...	2	2	4
Hammers riveting 16 oz.	...	...	...	1	2
Hammers riveting 8 ,, ...	...	...	...	10	...
Woolwich Store Charge, No. 8.					
TOOLS, ARTIFICERS' AND LABOURERS'—*cont.*					
Needles collar, packing, of sizes ... pkts.	...	...	2	1	2
Needles darning ... ... ,,	...	...	4	1	2
Needles sewing, women's ... ... ,,	...	...	4	1	2
Pincers, carpenters' ... ... pairs	...	...	...	1	2
Saws hand, 24-in.	...	...	...	1	2
Saws cross cut blades, 5 feet	...	...	2	...	2
Saws cross cut handles	...	...	4	...	4
Saws hand, 26-in.	1	...	2	...	...
Saws tenon, 14-in. (butchery implements)	4	...	2	1	2
Sets hand	...	...	...	...	2
Sets saw, pit	...	...	...	...	2
Spanners, McMahon's, 9-inch	...	...	...	10	...
Woolwich Store Charge, No. 10.					
IRON AND NAILS (PART 2).					
Jacks, lifting, G.S.	...	...	...	2	1
Locks, pad, brass	...	...	...	10†	...
Screws, iron, flathead 2-in. (spare, for bedside tables)	117	...	...	...	...
Screws, iron, flathead 1¼-in. ,, ,, ,,	78	...	...	...	...
Shoes, horse, fore and hind, spare, with nails ... ... sets	...	...	5	65	32
Not in Vocabulary.					
Nails and screws, assorted ... ... lbs.	...	...	...	7	14
Woolwich Store Charge, No. 11.					
OIL, PAINT, &c.					
Dubbing ... ... lbs.	...	...	...	7	4§
Grease, Field's ... ... ,,	...	...	...	75	30
Oil, rape ... ... pts.	...	...	...	42	21§
Soap soft ... ... lbs.	...	...	...	84	42§
Soap yellow ... ... bars	767	...	152	50‡	178§

† Or locks, pad, iron, small, 40, according to pattern of ambulance wagon.

‡ Forty-seven of these bars are for preservation of harness and saddlery, and remainder as company reserve for men's kits. To be packed in field service cases.

§ To be drawn from A.O.D. by the unit on the same occasion upon which it draws the harness and saddlery for mobilization. Of the yellow soap, 24 bars are for preservation of harness and saddlery, 12 bars as reserved for men's kits, and remainder for hospital use.

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Sect. V. Royal Army Medical Corps.

General Stores—*continued*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 18.					
SIDE ARMS, BLOCKS, CORDAGE, &c.					
Canvas, sail, No. 3, for repair of nosebags yds.	...	...	...	...	1
Cordage, spun yarn, hemp, tarred, 3-thread lbs.	...	...	...	70	25
Lashings, white, 1-in., 30-ft. (spare)	...	...	...	8*	5
Ropes, drag, light ... ... pairs	...	...	...	4	5
Twine, packing, middling ... ... lbs.	...	...	6	1	2
Woolwich Store Charge, No. 25.					
BARRACK AND HOSPITAL STORES (PART I).					
Basins, washing, zinc, 11 inch	...	...	10	...	20
Baskets bottle, ½-doz.	65	10	...	...	...
Baskets hand...	3	...	...	...	...
Baths arm	10	...	...	...	...
Baths foot	25	10	...	...	...
Baths long, open	6	...	...	...	...
Baths slipper...	...	5	...	...	...
Bellows, barrack	...	...	2	...	...
Bells, hand	1	...	...	...	...
Boards bed-head	530	220	...	...	...
Boards diet-scale	2	...	...	...	...
Boards inventory	130	50	...	14	5
Boards knife (Mark II)	65	...	...	...	...
Boards notice	...†	...	...	...	...
Books, blotting	3	...	...	...	...
Bowls, shaving	62	20	...	...	...
Boxes, library	...‡	...‡	...	...	...
Brooms, bass heads, tropical climates ...	20	...	...	...	...
Brooms, bass handles	20	...	...	...	...
Brushes hair	62	...	...	...	...
Brushes scrubbing, hand (Mark II) ...	70	...	4	4	8
Brushes shaving	62	20	4	4	8
Brushes sweeping, long heads (Mark II)	70	...	...	...	...
Brushes sweeping, long handles ...	70	...	...	...	...
Brushes washing	...	...	12	...	12
Brushes whitewash, 6 oz.	...	...	4	...	4
Candlesticks, brass, office	4	...	...	...	...
Cans gruel (Mark II)...	80	...	4	...	...
Cans oil, feeding, ½-pint	...	...	2	...	...
Castors, pepper (Mark II)	100	...	...	...	...
Chairs, arm, folding, hospital	40	20	...	...	...
Charcoal, animal granulated ... lbs.	...	...	40	40	72
Charcoal, animal powdered... ... ,,	...	...	10	10	10
Colanders (perforated tin bottom), round ...	6	...	...	...	...
Combs dressing	62	30	10	2	4
Combs small-tooth	10	10	4	2	4
Corkscrews	67	10	2	...	...
Cradles, bed§	...	...‡	...	...	...
Cups, tea	24	...	...	...	...
Dishes baking, tinned-iron	25	...	...	...	...
Dishes meat, tin, 17½-in.	5	...	...	...	...
Dishes soap	...	20	...	...	...
Dredgers, flour	1	...	...	...	...
Feeders, earthen	80	50	...	...	...

* 2 to be left at Ordnance Depôt.
‡ As may be ordered by the War Office.
† As required.
§ As mosquito curtain guards.

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General Stores—*continued.*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 25—continued.					
BARRACK AND HOSPITAL STORES (PART I)—*continued.*					
Filters, 4-gall., earthenware (Mark II) (Morris)	20	4	...	...	...
carbon coarse (manganous) ... lbs.	100	20	...	...	...
carbon fine (Doulton's) ,,	300	60	...	...	...
Forks carving	6	...	...	...	...
Forks dinner	520	...	100	...	100
Forks flesh	3	...	2	...	4
Forks toasting	6	...	...	...	...
Funnels, tin 2-quart...	1	...	...	...	...
Funnels, tin 1 ,, ...	...	1	...	...	...
Funnels, tin 1-pint	1	1	...	...	...
Funnels, tin ½ ,, ...	...	...	6	...	6
Games backgammon boards	13	6	...	...	...
Games backgammon boxes, dice ...	26	12	...	...	...
Games backgammon dice	52	24	...	...	...
Games backgammon men (set of 30) sets	13	6	...	...	...
Games dominoes (double nines) ... ,,	25	12	...	...	...
Glasses, looking...	66	20	...	...	...
Graters, bread	1	...	...	...	...
Gridirons, fluted	4	...	...	...	...
Horses, clothes	1	...	...	...	...
Infusers, tea (Mark III)	6	...	...	...	...
Inhalers	17	20	4	...	...
,, tubes	17	20	4	...	...
Inkstands	3	...	...	...	...
Kettles fish	1	...	...	...	...
Kettles tea, 2-quart	70	...	...	...	...
Knives bread	1	...	...	...	...
Knives carving	6	...	...	...	...
Knives dinner	520	...	100	...	100
Knives opening tins	5	...	...	2	...
Lamps exterior	...*	...	...	...	...
Lamps hand, small...	1	...	...	...	...
Lamps passage	...*	...	...	...	...
Lanterns, bull's-eye	...	...	...	8	16
Mats, coir fibre door, 3′ × 2′	...*	...	...	...	...
Mats, coir fibre passage	...*	...	...	...	...
Measures beer 1-quart...	2	...	...	...	...
Measures beer 1-pint	2	...	...	...	...
Measures beer ½ ,, ...	2	...	...	...	...
Measures glass, 4-oz. (Mark II)	75	20	...	...	...
Measures oil or milk 1-gallon	2	...	...	...	...
Measures oil or milk ½ ,, ...	2	...	...	...	...
Measures oil or milk 1-quart...	2	...	...	...	...
Measures oil or milk 1-pint	2	...	...	...	...
Measures oil or milk ½ ,, ...	3	...	...	...	...
Measures wine and spirits 1-gill	1	...	...	...	...
Measures wine and spirits ½ ,, ...	1	...	...	...	...
Mops, common, handle	6	...	...	...	...
Pails, slop (Mark II)	66	...	...	...	...
Pans, stew 2 gallon	2	...	...	...	...
Pans, stew 1 ,, ...	3	...	...	...	...
Pans, stew 2-quart	2	...	...	...	...
Pans, stew 1 ,, ...	2	...	...	...	...

* As required.

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General Stores—*continued.*

TABLE S—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 25—continued.					
BARRACK AND HOSPITAL STORES (PART 1)—*continued.*					
Pins, rolling	1	...	...	...	...
Pots coffee, 1-pint	6	...	...	...	...
Pots cooking, oval, 10-gallon	4	...	...	...	...
Pots mustard	40	...	...	...	...
Refrigerators	...*	...*	...	...	...
Salt-cellars, iron	70	...	4	...	...
Saucepans, iron, tinned, 2-quart	2	...	...	...	...
Saucers, tea	24	...	...	...	...
Scissors hair-cutting ... pairs	65	20	4	2	4
Scissors lamp	...	...	2	1	2
Scoops, flour 1-quart	1	...	...	...	...
Scoops, flour 1-pint	1	...	...	...	...
Scoops, flour ½ ,,	...	...	4	...	4
Scoops, flour ¼ ,,	1	...	...	...	...
Screens, bedside (Mark III)	10	...	...	...	...
Scuttles, coal	...†	...	...	...	...
Shapes, pudding, 1-pint	100	...	12	...	12
Skewers with chains, 3 to a set ... sets	12	...	2	...	4
Skewers without chains, 12 to a set ,,	...	...	2	...	2
Slates, 14″ × 10″	3	...	...	...	...
Slices, fish	1	...	...	...	...
Spittoons	40	...	...	...	...
Sponges, bath	10	10	4	...	4
Spoons gravy	5	...	...	...	...
Spoons mustard	40	...	...	...	...
Spoons salt	70	...	...	...	...
Spoons table	530	...	100	50	100
Spoons tea	62	...	...	...	...
Squeezers, lemon	2	5	...	...	...
Stands, wash-hand, hospital	2	...	...	...	...
Stools, night	...	20	...	...	...
Strainers gravy	2	...	...	...	...
Strainers hair, 15-in.	2	...	...	...	...
Straps, bed	...	...	26	...	10
Tables, bedside (Mark II)	520	...	...	...	...
Tongs, steak	2	...	...	...	...
Trays bed	65	20	...	...	...
Trays diet, 10 diets	65	...	...	...	...
Trays dinner (Mark II)	65	...	...	...	...
Trays dressing	65	10	...	...	...
Tumblers, ½-pint	100	100	...	...	...
Urinals earthen	50	20	...	...	...
Urinals zinc	...	...	8	2	4
Warmers foot	6	10	...	...	...
Warmers stomach	6	10	4	...	4
Whisks, egg	4	...	...	...	...
Woolwich Store Charge, No. 26.					
BARRACK AND HOSPITAL STORES (PART II).					
Balances, spring 200-lb., Mark I	1	...	2	...	...
Balances, spring 80 ,,	1	...	...	1	4
Balances, spring 4 ,,	4	...	2	1	2
Bedsteads, folding	521	...	...	...	...
Drivers, screw, notched	1	...	...	...	...

* As may be ordered by the War Office. † As required for wards.

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General Stores—*continued.*

TABLE S—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 26—continued.					
BARRACK AND HOSPITAL STORES (PART II)—*continued.*					
Fenders officers' quarters	...*	...	...	...	...
Fenders soldiers'	...†	...	...	...	...
Forms, soldiers', complete 6-ft.	40	...	...	...	...
Forms, soldiers', complete 4 ,,	65	...	...	...	...
Implements, butchers' cases, wood (Mark II)	4	...	2	1	2
Implements, butchers' sheets, ground (unserviceable)	4	...	2	1	2
Implements, butchers' choppers, meat (Mark III)	4	...	2	1	2
Implements, butchers' hooks, butchers', dressing, 9-in.	24	...	12	6	12
Implements, butchers' knives, butchers' cutting	4	...	2	1	2
Implements, butchers' knives, butchers' flaying, large	4	...	2	1	2
Implements, butchers' steels, butchers'	4	...	2	1	2
Implements, butchers' steelyards, 56-lb.	4	...	2	1	2
Ladders, wood, for cleaning lamps	...†	...	...	...	...
Machines mincing, small	2	...	2	...	2
Machines weighing, 14-lb., with enamelled pan	...	1	...	...	...
Mallets, driving cocks	1	...	...	...	...
Pails, iron, galvanized (water)	72	20	4	...	...
Pokers officers' (Mark II)	...*	...	...	...	...
Pokers soldiers'	...†	...	...	...	...
Safes, iron	...‡	...‡	...	...	...
Saws, butchers'	2	...	...	...	...
Shovels, fire officers' (Mark II)	...*	...	...	...	...
Shovels, fire soldiers'	...†	...	...	...	...
Tables, base hospital (Mark I)	105	...	...	...	...
Tubs ablution	10	5	...	...	...
Tubs coal	70	...	...	...	...
Tubs washing	15	...	...	...	...
Weights brass 8-oz.	...	1	...	...	...
Weights brass 4 ,,	...	1	...	...	...
Weights brass 2 ,,	...	1	...	...	...
Weights brass 1 ,,	...	1	...	...	...
Weights brass ½ ,,	...	1	...	...	...
Weights brass ¼ ,,	...	1	...	...	...
Weights iron, ring 14-lb.	...	1	...	...	...
Weights iron, ring 7 ,,	...	1	...	...	...
Weights iron, ring 4 ,,	...	1	...	...	...
Weights iron, ring 2 ,,	...	1	...	...	...
Weights iron, ring 1 ,,	...	1	...	...	...
Weights iron, ring ½ ,,	...	1	...	...	...
Weights iron, ring ¼ ,,	...	1	...	...	...
Not in Vocabulary.					
Apparatus, disinfecting	...	1§	...	...	...
Machines ice	1‡	...	...	...	...
Machines washing	...	1§	...	...	...

* As required for wards. † As required.
‡ As may be ordered by the War Office.
§ If not supplied by Admiralty. No sealed pattern.

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General Stores—*continued.*

TABLE 8—*continued.*	General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 27.					
TEXTILE STORES: BEDDING, &c.					
Beds, hospital, in 3 pieces	560	...	...	...	...
Belts, restraint, lunatics' ... ... sets	2	...	...	...	...
Blankets, G.S.	1,500*	...	200	...	100
Bolsters, hospital	560	...	...	...	...
Cases — bolster, barrack	30	...	100	...	100
Cases — paillasse ,, ...	30	...	100	...	...
Cases — slip — bed, hospital	780	...	...	...	...
Cases — slip — bolster ,, ...	650	...	...	...	...
Cases — slip — pillow — large...	1,542	...	...	...	...
Cases — slip — pillow — small	100	...	...	...	...
Cloths, table	200	...	...	...	...
Hammocks (twine)	...	...†	...	...	...
Mops, common, heads	6	...	...	...	...
Napkins, ophthalmia	100	200	...	...	...
Nets, potato	25	...	...	...	...
Pillows, hospital, hair — large...	560	...	...	...	...
Pillows, hospital, hair — small	30	...	...	...	...
Rugs — hearth	.. ‡	...	...	...	...
Rugs — hospital, surgical (or counterpanes, white)	580	...	...	...	...
Sheets — hospital, cotton	3,000	...	...	...	...
Sheets — barrack	...	...	240	...	...
Towels — hand, hospital	2,000	1,000	110	24	48
Towels — round ,, ...	300	500	...	...	...
TEXTILE STORES (MISCELLANEOUS).					
Flags, union, 6′ × 3′	2	...	2	1	2
Woolwich Store Charge, No. 28.					
VEHICLES AND STORES.					
Cotton waste, white ... ... lbs.	...	...	...	6	12
Woolwich Store Charge, No. 29.					
TELEGRAPH EQUIPMENT, &c.					
Boxes, cash	...	...	2	...	2
Thermometers — maximum	...	.. †	...	...	...
Thermometers — minimum	...	...†	...	...	...
MUSICAL INSTRUMENTS.					
Bugles	2	...	...	1	...
Strings, bugle, green	2	...	...	1	...

* This No. includes blankets for all except nurses, and allowances for change.
† As may be ordered by the War Office.
‡ As required.

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General Stores—*continued.*

TABLE 8—*continued.*		General Hospital, 520 beds.	Hospital Ship, 220 beds.	Stationary Hospital on Lines of Communication (100 beds).	Bearer Company.	Field Hospital.
Woolwich Store Charge, No. 30.						
Not in Vocabulary.						
Blankets, old, pieces of (for repairs)	lbs.	...	...	...	...	1
Linen, old (for repair of nose bags)	...	...	...	...	...	1
Woolwich Store Charge, No. 36.						
Not in Vocabulary.						
Rags liner....	lbs.	250†	...	...	...	...
Rags woollen	,,	150	...	...	...	...
Stationery Office Supplies.						
Army Forms, books and stationery ...		...‡	...§	...	...	...
Royal Army Clothing Department Stores.						
Chests, shoemakers' tools, complete, small...		...	...	...	1	1

† Or cotton waste where steam is used.

‡ Stationery, army forms, and books for the General Hospital will be packed in ordinary packing cases. For scale of books, &c., see Field Service Manual, Medical Services.

§ For the Hospital ship when ordered, the scale referred to in note ‡ will be shipped packed in ordinary cases.

TABLE 9. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
253	Regimental equipment	Account ledger.
248	Equipment for instructional purposes, and camp equipment.	Account ledger.
Forms.		
G 957	Materials for repairing accoutrements.	Requisition.
G 968, G 973	Camp equipment	Requisition. Account (*temporary use*).
G 997, G 1033, P 1925	Equipment in general (*blank*) ...	Requisition. Receipt and issue voucher. Expense voucher.
G 1027	Materials for repair in general (*blank*).	Requisition.
G 815	Ammunition, small arm	Requisition.

Books
253
16

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Despatch No. 83

AMERICAN EMBASSY,
LONDON.

August 12 1898

Lieut. Col. A. E. Bates,
Deputy Paymaster General,
Military Attaché.

LONDON:
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WAR DEPARTMENT
Military Information
Aug. 23 98
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A3
Equipment
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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTIONS VI.—IX.

COLLEGES AND PRISONS DETAILS.

Gt. Brit WAR OFFICE, 1898.

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QUEEN'S REGULATIONS AND ORDERS FOR THE ARMY. 1898. Price 1*s*. 6*d*.

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Part 1. Peace. 1898. Price 1*s*.

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REGULATIONS

FOR THE

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PART 2.—SECTIONS VI.—IX.

COLLEGES AND PRISONS DETAILS.

WAR OFFICE, 1898.

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AMERICAN EMBASSY,
LONDON.

Dec. 28 1898

Lieut. Col. A. E. Bates,
Deputy Paymaster General,
Military Attaché.

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COLLEGES AND PRISONS DETAILS.

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PART 2.—DETAILS OF EQUIPMENT.

SECTION VI.—ROYAL MILITARY ACADEMY.

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SECTION VI.—ROYAL MILITARY ACADEMY.

Arms.

TABLE 1.	Proportions.
Weedon Store Charge.	
Carbines, M.M., Artillery, Mark II.	1 per gentleman cadet.
A.O. 154, 1895. **Rods,** clearing	1 per carbine.
Implements, action, M.H. and M.M.	As required.
Protectors { front sight, M.M. carbine, Artillery, Mark II.	1 per carbine.
Pull-throughs	1 per carbine.
Reflectors, mirror	1 per 50 or less serviceable carbines.
Sword-bayonets, patt. '88	1 per carbine, and 1 per trumpeter.
Scabbards { sword-bayonet, patt. '88	1 per carbine, and 1 per trumpeter.
Scabbards { sword, staff serjeants, patt. '89, steel	1 per under officer, member of the senior class, warrant officer, and staff serjeant.
Swords, staff serjeants, patt. '89, iron hilt	1 per under officer, member of the senior class, warrant officer, and staff serjeant.

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Accoutrements.

TABLE 2.	Proportions.
Woolwich Store Charge (1).	
Belts, pouch, buff, G.S.*	1 per warrant officer and staff serjeant.
Belts, waist, buff, warrant officers, Royal Artillery*	1 per warrant officer and staff serjeant.
Belts, waist, buff, cadets, Woolwich	1 per gentleman cadet and trumpeter.
Belts, waist, buff, under officers, Woolwich*	1 per under officer and member of the senior class and 30 in addition for use of 2nd class.
Frogs, buff, sword-bayonet, cadets	1 per gentleman cadet and trumpeter.
Knots, sword, buff, G.S.	1 per sword.
Pouches, ammunition, black japanned, cadets, Woolwich	1 per gentleman cadet.
Pouches, writing materials, Artillery ..	1 per warrant officer and staff serjeant.
Slings, carbine, buff, Artillery	1 per gentleman cadet.

38407
Equipt.
1586

* White enamelled belts will continue in use until worn out.

Musical Instruments.

TABLE 3.	Proportions.
Woolwich Store Charge (29).	
Bugles	1 per trumpeter.
Strings, bugle, royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

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SECTION VII.—ROYAL MILITARY AND STAFF COLLEGES.

Arms.

TABLE 1.	Proportions.
Weedon Store Charge.	
Rifles, M.L.M., Mark I* or II.	1 per gentleman cadet.
Implements, action, M.L.M. rifle	As required.
Bottles, oil, M.L.M. rifle	1 per rifle.
Protectors, front-sight rifle	1 per rifle.
Pull-throughs	1 per rifle.
Reflectors, mirror§	1 per 50 or less serviceable rifles.
Rods, clearing	1 per rifle.
Sword-bayonets patt. '88	1 per rifle.
Sword-bayonets Lancaster	1 per serjeant compounder.
59 / 9 / 2033 **Scabbards** bayonet, patt. '88	1 per bayonet.
Scabbards sword drummers	1 per sword.
Scabbards sword officers	1 per sword.
Scabbards sword staff-serjeants, patt. '89, steel....	1 per sword.
Scabbards sword-bayonet, Lancaster....	1 per sword-bayonet.
Swords drummers	1 per corporal and private of band.
Swords staff serjeants, patt. '89 gilt hilt	Warrant officer, and staff serjeant, except serjeant instructor in gunnery.
Swords staff serjeants, patt. '89 iron hilt	1 per serjeant instructor in gunnery.†
57 / 9 / 2033 **Swords** officers	1 per under officer.

§ For examining interior of barrels.

† The entire establishment of which these tables give the equipment, belongs to the Royal Military College, excepting one serjeant major and one serjeant instructor in gunnery, who are on the Staff College Establishment.

Accoutrements.

TABLE 2.	Proportions.
Woolwich Store Charge (1).	
Belts pouch, buff, G.S.*	1 per serjeant instructor in gunnery.
38407 Equipt. 1586 **Belts** waist, buff warrant officers, Royal Artillery	1 per serjeant instructor in gunnery.
Belts waist, buff cadets, Sandhurst	1 per gentleman cadet.
Belts waist, buff under officers, Sandhurst	1 per under officer.

* White enamelled belts will continue in use until worn out.

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Accoutrements—*continued.*

TABLE 2—*continued.*	Proportions.
Woolwich Store Charge (1)—continued.	
Belts, waist, buff — warrant officers, G.S.*	1 per warrant officer and staff serjeant except serjeant instructor in gunnery.
Belts, waist, buff — V.E., patt. '82 serjeants and R. and F.	1 per corporal and private of band, and serjeant compounder.
Braces, buff, V.E., patt. '82 { left / right }	1 per valise.
Chapes, waist belt, patt. '82	2 per valise.
Frogs, buff — bayonet, cadets	1 per gentleman cadet.
Frogs, buff — sword	1 per serjeant compounder.
Frogs, buff — bayonet, G.S.	1 per corporal and private of band.
Knots, sword, buff, G.S.	1 per under officer, warrant officer, and staff serjeant.
Pouches — ammunition, black japanned, cadets, Sandhurst	1 per gentleman cadet.
Pouches — writing materials, Artillery	1 per serjeant instructor in gunnery.
Slings, rifle, buff	1 per rifle.
Straps, buff, V.E., patt. '82 — great coat and mess tin	2 per man.
Straps, buff, V.E., patt. '82 — supporting and mess tin	2 per valise.
Valises, patt. '82, japanned	1 per corporal and private of band, and serjeant compounder.

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* White enamelled belts will continue in use until worn out.

Ammunition.

7611 6958

TABLE 3.	Proportions.
Woolwich Store Charge (23).	
Cartridges, small-arm, ball, magazine rifle	200 rounds for each gentleman cadet during his first year, for recruit's course. 25 rounds for each gentleman cadet, for use during his third term.

Musical Instruments.

TABLE 4.	Proportions.
Woolwich Store Charge (29).	
Bugles	1 per bugler.
Strings, bugle, green	1 per bugler.

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SECTION VIII.—GENERAL STAFF, SCHOOLS OF INSTRUCTION, AND STAFF CLERKS.

(*Except R.A., R.E., and Army Service Corps Staff Clerks.*)

54
A.S.C.
1976

Arms.

TABLE 1.	Proportions.
Weedon Store Charge.	
Scabbards, sword, staff serjeants, patt. '89, steel **Swords,** staff serjeants, patt. '89, gilt hilt ...	1 per warrant officer, staff serjeant, and staff clerk.

N.B.—Rifles and carbines required by the School of Musketry are issued out of common stock, as may be necessary, and are not supplied to individuals as personal equipment.

Accoutrements, and Drawing Instruments.

TABLE 2.	Proportions.
Woolwich Store Charge (1).	
Belts, waist, buff { warrant officers, G.S.* ...	1 per warrant officer, staff serjeant and staff clerk.
Belts, waist, buff { V.E., patt. '82, G.S.	1 per serjeant and rank and file.
Bottles, water, enamelled†	All ranks.
Braces, buff, V.E., patt. '82, serjeants and rank and file { left ... ... right ...	1 per valise.
Knots, sword, buff, G.S.	1 per warrant officer, staff serjeant and staff clerk.
Pouches, ammunition, buff, V.E., patt. '82 ...	2 per serjeant and rank and file.
Straps, buff { V.E., patt. '82 { great coat and mess tin ...	2 per man.
Straps, buff { V.E., patt. '82 { supporting and mess tin ...	2 per valise.
Straps, buff { water bottle†	All ranks.
Valises, patt. '82, japanned	All ranks except warrant officers, staff serjeants, and staff clerks.
Woolwich Store Charge (29).	
Instruments, drawing, Musketry instructors ...	1 per serjeant instructor of musketry.

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1526

* White enamelled waist belts will continue in use until worn out.

† Italian water bottles, and their carriages, will continue in use until stock is issued and worn out.

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Equipt.
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SECTION IX.—MILITARY PRISONS.*

Arms.

TABLE 1.	Proportions.
Weedon Store Charge.	
Scabbards, sword, staff serjeants, patt. '89, steel ...	1 per chief warder.
Swords, staff serjeants, patt. '89, gilt hilt	
Woolwich Store Charge (25).	
Staves, constables	1 per warder.

Accoutrements.

TABLE 2.	Proportions.
Woolwich Store Charge (1).	
Belts, waist, black { chief warders	1 per chief warder.
Belts, waist, black { warders	1 ,, warder.
Chains, keys, warders	1 ,, warder.
Knots, sword, black	1 ,, chief warder.
Pouches, warders	1 ,, warder, for keys.

*The equipment for Chief Warders and Warders is held on inventory from the Officer, Army Service Corps, Barrack Section.

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Despatch No. 295

U. S. EMBASSY,

LONDON.

Aug. 31st 1866

Lieut. Col. WM. LUDLOW,

Corps of Engrs.

Hodson

WAR DEPARTMENT,
Military Information
DIVISION.
Adjutant General's Office.

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EQUIPMENT REGULATIONS.

PART II., SECTION IX.

23
Gen. No.
2179

The following amendments and additions will be made in Part II., Section IX., as amended by Army Order 110 of 1902 :—

1. The heading will be amended to read as follows :—

"Section IX.—Military Prisons and Military Prison Staff Corps Details."

2. The following will be added to Table I. :—

Arms.

TABLE I.	Proportions.
WEEDON SECTION.	
For Central and District Prisons only :—	
Rifles, M.T. (M.L.-M. or M.L.-E.)	20 per cent. of total accommodation of each prison.
Pull throughs	1 per rifle.
Bottles, oil	1 per rifle.
Tubes, aiming, 0·23-in. (M.L.-M. or M.L.-E. rifle)	50 per cent. of rifles, M.T.
Brush, cleaning	1 per tube, aiming.
Rod, cleaning	1 per tube, aiming.

3. Add new table as follows :—

Ammunition (for Central and District Prisons only).

TABLE III.	Proportions.
Cartridges, aiming, tube	25 rounds per prisoner up to total accommodation of each prison (annual allowance).

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Materials for care and preservation (Central and District Prisons only).

4. Rifle oil and flannelette will be allowed up to the available accommodation of each prison for the M.T. Rifles and Aiming Tubes on charge, also for the arms taken by soldiers with them to prison. They should be demanded in the following proportions :— 23 / Gen. No. / 2190

Oil, rifle	....	24 pints per 50 arms	Annual allowance.
Flannelette	....	18 inches per arm	

Targets (for Central and District Prisons only).

5. Targets for practice purposes will be made up in the prisons from paper pasted on to cardboard, the size of the targets being regulated to give them the appearance of the full-size regulation target at the assumed distance. 2179

The necessary materials should be obtained, as required, on demand from the Army Ordnance Department, by whom they will be procured locally.

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PART 2.—DETAILS OF EQUIPMENT.

SECTION VI.—ROYAL MILITARY ACADEMY.

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SECTION VII.—ROYAL MILITARY AND STAFF COLLEGES.

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SECTION IX.—MILITARY PRISONS.

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SECTION VI.—ROYAL MILITARY ACADEMY.

Arms.

	TABLE 1.	Proportions.
	Weedon Section.	
	Carbines, M.M., Artillery, Mark II.	1 per gentleman cadet.
	Rods, clearing	1 per carbine.
	Implements, action, M.H. and M.M.	As required.
54 / 1 | 43 / 93	**Pull-throughs**	1 per carbine and 5°/₀ space.
	Reflectors, mirror	1 per 50 or less serviceable carbines.
7852 / 4831	**Pistols,** Webley .... ; ,, ,, rods, cleaning	8
	Sword-bayonets, patt. '88	1 per carbine, and 1 per trumpeter.
	Scabbards { sword-bayonet, patt. '88 .... ; sword, staff serjeants, patt. '89, steel	1 per under officer, member of the senior class, warrant officer, and staff serjeant.
	Swords, staff serjeants, patt. '89, iron hilt	

Ammunition.

	TABLE 2.	Proportions.
	Woolwich Section 21.	
	Cartridges, B.L., filled, 15-pr., blank	200 per annum.
7852 / 4831 / 57 / 10 / 2622	*Woolwich Section* 22.	
	Tubes, friction, copper, S.D., special	225 per annum.
	Woolwich Section 23.	
	Cartridges, small arm { pistol, Webley .... ; blank ·303	25 / 65 } rounds per gentleman cadet per annum.

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Accoutrements.

TABLE 3.	Proportions.
Woolwich Section 1.	
Belts, pouch, buff, G.S.*	1 per warrant officer and staff serjeant.
Belts, waist, buff — warrant officers, Royal Artillery*	1 per warrant officer and staff serjeant.
Belts, waist, buff — cadets, Woolwich	1 per gentleman cadet and trumpeter.
Belts, waist, buff — under officers, Woolwich*	1 per under officer and member of the senior class and 30 in addition for use of 2nd class.
Bottles, zinc, oil	1 per carbine and 5 °/₀ spare
Frogs, buff, sword-bayonet, cadets	1 per gentleman cadet and trumpeter.
Knots, sword, buff, G.S.	1 per sword.
Pouches, ammunition, black, japanned, cadets, Woolwich	1 per gentleman cadet.
Pouches, writing materials, Artillery ...	1 per warrant officer and staff serjeant.
Slings, carbine, buff, Artillery	1 per gentleman cadet.

54
1 | 43
93

* White enamelled belts will continue in use until worn out.

Musical Instruments.

TABLE 4.	Proportions.
Woolwich Section 29.	
Bugles	1 per trumpeter.
Strings, bugle, royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

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SECTION VII.—ROYAL MILITARY AND STAFF COLLEGES.

Arms.

TABLE 1.	Proportions.
Weedon Section.	
Rifles, M.L.M.	1 per gentleman cadet.
Implements, action, M.L.M. rifle	As required.
54 **Bottles**, oil, M.L.M. rifle	1 per rifle and 5°/₀ spare.
1 | 43 **Protectors**, front-sight rifle	
93 **Pull-throughs**	
Reflectors, mirror*	1 per 50 or less serviceable rifles.
Rods, clearing	1 per rifle.
Sword-bayonets, patt. '88	1 per rifle.
Swords drummers	1 per corporal and private of band.
Swords staff serjeants, patt. '89, gilt hilt	Warrant officer, and staff serjeant.†
38407 Equipt. 1711 **Swords** officers	1 per under officer and senior corporal.
Scabbards bayonet, patt. '88	1 per bayonet.
Scabbards sword drummers	1 per sword.
Scabbards sword officers	
Scabbards sword staff-serjeants, patt. '89, steel....	

* For examining interior of barrels.

† The entire establishment of which these tables give the equipment, belongs to the Royal Military College, excepting one serjeant-major who is on the Staff College Establishment.

Accoutrements.

TABLE 2.	Proportions.
Woolwich Section 1.	
Belts waist, buff cadets, Sandhurst	1 per gentleman cadet.
Belts waist, buff under officers, Sandhurst	1 per under officer and senior officer.
Belts waist, buff warrant officers, G.S.*	1 per warrant officer and staff serjeant.
Chapes, waist belt, patt. '82	2 per valise.
Frogs, buff bayonet, cadets	1 per gentleman cadet.
Frogs, buff bayonet, G.S.	1 per corporal and private of band.

* White enamelled belts will continue in use until worn out.

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Accoutrements—*continued.*

TABLE 2—*continued.*	Proportions.
Woolwich Section 1—continued.	
Knots, sword, buff, G.S.	1 per under officer, senior corporal, warrant officer, and staff serjeant.
Pouches ammunition, black japanned, cadets, Sandhurst	1 per gentleman cadet.
Slings, rifle, buff	1 per rifle.
VALISE EQUIPMENT, PATTERN '82, BUFF.	
Belts, waist, serjeants and rank and file	1 per corporal and private of band.
Braces, serjeants and rank and file { left / right }	1 per valise.
Straps { great coat and mess tin.... .. . / supporting and mess tin	2 per man. / 2 per valise.
Valises, japanned	1 per corporal and private of band.

38407 / Equipt. / 1711

Ammunition.

TABLE 3.	Proportions.
Woolwich Section 23.	
Cartridges, small-arm, ball: ·303	150 rounds for each gentleman cadet during his first year, for recruit's course. 25 rounds for each gentleman cadet, for use during his third term.
Cartridges, small-arm, ball: pistol, Webley	25 rounds per annum for each gentleman cadet.

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Musical Instruments.

TABLE 4.	Proportions.
Woolwich Section 29.	
Bugles .... / **Strings,** bugle, green	1 per bugler.

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SECTION VIIa.—SCHOOL OF SIGNALLING.

57
Aldershot
5870
54
Signallers
49 and 54

Establishment of Non-Consumable Stores.

TABLE 1.

Designation of Article.	No. of each.
Woolwich Section 2.	
Axes felling	1
Axes pick heads	1
Axes pick helves	1
Mallets, heel peg	1
Mauls, iron hooked	1
Tents, pin, wood, large	24
Spades, N.P.	1
Woolwich Section 7.	
Aprons, basil, brown	1
Baskets, tool	1
Cans, oil, lubricating	1
Chisels, hand cold	2
Hammers, rivetting 24-oz.	2
Drivers, screw 6-inch	1
Drivers, screw 4-inch	1
Hammers, smith sledge, 14-lb.	1
Woolwich Section 8.	
Pincers, carpenters'	1
Pliers, side cutting, 7-inch	8
Saws hand, 26-inch	1
Saws tenon, 14-inch	1
Shears, tinman's snip	1
Spanners, MacMahon, 9-inch	1
Vices, hand 16-oz.	1
Vices, hand 8-oz.	1
Woolwich Section 10.	
Locks, pad, iron, small	12
Woolwich Section 25.	
Scissors, lamp	24

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Establishment of Non-Consumable Stores—*continued.*

TABLE 1—*continued.*

Designation of Article.	No. of each.
Woolwich Section 28.	
Tools, electricians' .... sets	2
Irons, soldering, telegraph	1
Knives, pairing	4
Apparatus, limelight — bags — gas....	70
Apparatus, limelight — bags — pressure	35
Apparatus, limelight — cases — brass	16
Apparatus, limelight — cases — iron	7
Apparatus, limelight — cases — tin....	14
Apparatus, limelight — bottles, cleansing gas	16
Apparatus, limelight — cylinders, lime-pencil	12
Apparatus, limelight — flasks	6
Apparatus, limelight — holders, pencil	6
Apparatus, limelight — lamps	35
Apparatus, limelight — ,, springs, german silver	12
Apparatus, limelight — retorts, copper	30
Apparatus, limelight — spanners	30
Cans, oil, feeding, Army signalling	4
Flags, signal, Army — blue — 3′ × 3′	60
Flags, signal, Army — blue — 2′ × 2′	60
Flags, signal, Army — white — 3′ × 3′	60
Flags, signal, Army — white — 2′ × 2′	60
Flags, signal, Army — poles — 5′ 6″	100
Flags, signal, Army — poles — 3′ 6″	100
Heliographs — 5-inch	35
Heliographs — ,, holders	2
Heliographs — ,, boxes, mirror	2
Heliographs — ,, mirrors, 5-inch .... spare	20
Keys, dummy, signallers	30
Lamps, bull's-eye — signal	35
Lamps, bull's-eye — ,, stands	10
Panniers, signalling....	12
Stands, telescope, signalling	30
Telescopes, 3 feet	12
Cases, telescope, 3 feet	12
Stands, telescope, 3 feet	12
Semaphore — flags	120
Semaphore — poles	120
Telescopes, signalling, infantry	30
Wheels, cipher	30
Panniers, signalling — 1	1
Panniers, signalling — 2	1

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Establishment of Non-Consumable Stores—*continued.*

TABLE 1—*continued.*

Designation of Article.	No. of each.
Woolwich Section 29.	
Baseboards	2
Binoculars	12
Cases, binocular	12
Compasses, prismatic	20
Protractors, ivory	12
Field Service Separators	2
Galvanometer detector com., 100 ohms	2
Galvanometer single or duplex	2
Relays, telegraph	4
Keys, single, current	4
Sounders, translating	4
Pipes, earth	8
Batteries, Le Clanche 10-cell	4
Batteries, Le Clanche telegraph	4
Batteries, Le Clanche mountain	6
Cable, electric D. 5 miles and yards	2 59
Drum cable, with terminals	4
Transmitter, vibrating, Mark III	2
Microphones, Berthon	2
Cable, electric, D. 7 miles	2
Knives, clasp	8
Barrows drum, universal	1
Barrows handles	1
Barrows spindles	1
Barrows universal	1
Bars, jumping, telegraph equipment	1
Switches, single or duplex	2
Sticks, crook long	3
Sticks, crook short	1
Telephones, "Ader" receivers	10
Wires, covered, B. 1 yards	100
Transmitter, vibrating, Mark II	4

In addition to above list of stores, tents, &c., will be issued when details proceed to Long Distance Signal Stations.

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Consumable Stores —Allowance for use during one year.

TABLE 2. Designation of Article.	No. of each per 50 men. Per Quarter.
Woolwich Section 7.	
Cloth, emery ....quires	1
Woolwich Section 11.	
Manganese, granular .... lbs.	69
Methylated spirits .... galls.	3½
Potash, chlorate .... lbs.	208
Salammoniac, crushed ... . ,,	10½
Compound, Chatterton's	½
Woolwich Section 25.	
Matches, Bryant & May's .... boxes	17
Woolwich Section 28.	
Cotton, waste	3½
Solder, tinman's .... lbs.	1
Tubing, india rubber .... yds.	3½
Pencils, limelight apparatus	7
Woolwich Section 29.	
Batteries, Le Clanche — blocks	58
nuts, carbon plate	1
plates, carbon	16
terminals	1
covers .... doz.	8
corks	13
tubes	17
plugs, cane	13
cells, empty	6
,, zinc	6
compound .... lbs.	1
Wire, covered — B. 1 .... yards	7
B. 5	7
Colza .... pints	2
Flat Wick .... yards	2
Transmitter, vibrating, Mark III — spare parts of .... sets	
contact screws for	3
microphones, Berthon diaphragms for, sets	1

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SECTION VIII.—GENERAL STAFF, SCHOOLS OF INSTRUCTION, AND STAFF CLERKS.

(*Except R.A., R.E., and Army Service Corps Staff Clerks.*)

Arms.

TABLE 1.	Proportions.
Weedon Section.	
Swords, staff serjeants, patt. '89, gilt hilt ...	1 per warrant officer, staff serjeant, and staff clerk.
Scabbards, sword, staff serjeants, patt. '89, steel	

N.B.—Rifles and carbines required by the School of Musketry are issued out of common stock, as may be necessary, and are not supplied to individuals as personal equipment.

Accoutrements, and Drawing Instruments.

TABLE 2.	Proportions.
Woolwich Section 1.	
Belts, waist, buff, warrant officers, G.S. ...	1 per warrant officer, staff serjeant and staff clerk.
Bottles, water, enamelled	All ranks.
Chains, with end rings	1 per water bottle.
Corks, complete, without chains	
Knots, sword, buff, G.S.	1 per warrant officer, staff serjeant and staff clerk.
Straps, buff, water bottle	All ranks.
VALISE EQUIPMENT, PATTERN '82, BUFF.	
Belts, waist, G.S.	1 per serjeant and rank and file.
Braces, serjeants and rank and file { left ... / right ...	1 per valise.
Pouches, ammunition	2 per serjeant and rank and file.
Straps { great coat and mess tin	2 per man.
Straps { supporting and mess tin	2 per valise.
Valises, japanned	All ranks except warrant officers, staff serjeants, and staff clerks.
Woolwich Section 29.	
Instruments, drawing, Musketry instructors ...	1 per serjeant instructor of musketry.

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SECTION IX.—MILITARY PRISONS.*

Arms.

TABLE 1.	Proportions.
Weedon Section.	
Swords, staff serjeants, patt. '89, gilt hilt	1 per chief warder.
Scabbards, sword, staff serjeants, patt. '89, steel ...	
Woolwich Section 25.	
Staves, constables	1 per warder.

Accoutrements.

TABLE 2.	Proportions.
Woolwich Section 1.	
Belts, waist, black { chief warders	1 per chief warder.
Chains, keys, warders ... ... }	1 ,, warder.
Knots, sword, black	1 ,, chief warder.
Pouches, warders	1 ,, warder, for keys.

* The equipment for Chief Warders and Warders is held on inventory from the Officer, Army Service Corps, Barrack Section.

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MILITIA.

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In paragraph 97, line 2, after "reported" *insert* "on Army Form G 808."

In Appendix VII, page 67, last line, *for* "Cases, paillasse" *read* "Cases, paillasse, tent."

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(REGULAR FORCES AND MILITIA.)

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REGULATIONS

FOR THE

EQUIPMENT OF THE ARMY

(REGULAR FORCES AND MILITIA).

PART 2, SECTION XVI—MILITIA.

GENERAL REGULATIONS.

I.—CARE AND CUSTODY OF EQUIPMENT.

Responsibility of officers commanding

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Militia

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1. Commanding officers of Militia will be responsible for the care, custody and efficiency of the equipment of their units, and for the supervision of the accounts of the same during the training period, *i.e.*, for the period that elapses between the assemblage of the first and second of the boards of survey referred to in paragraph 5.

Officers commanding regimental districts will be responsible during the remaining period. The latter will personally inspect the stores, and examine the books once in every six months.

Responsibility of officers commanding regimental districts.

2. Officers commanding regimental districts will be entirely responsible for the care, custody, efficiency and serviceability of all regimental depôt stores, and also for the supervision of the accounts specified in paragraph 43.

Delay in supply.

3. Should there be any inconvenient delay in the supply of any articles of equipment the supervising officer will bring the same to the notice of the General Officer commanding.

When trained away from headquarters.

4. In the event of the Militia unit being trained away from the headquarters of the regimental depôt, an officer will be appointed to act temporarily as quartermaster at the regimental depôt, and all the spare small arms and stores of the Militia unit will remain in the custody of the officer so appointed. Arm chests, at the rate of one per battalion, will be allowed for use at the place of training.

Biennial boards of survey.

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Militia

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5. Boards of survey, composed of a field officer of the line, one other officer of the line, and the Adjutant of the Militia unit, will assemble twice yearly immediately before and after the annual training, to take stock of the articles of equipment on charge of units, and verify them with the quantities shown in the ledger charge.

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II.—REQUISITIONS AND ESTIMATES FOR EQUIPMENT.

Requisitions and estimates direct on Army Ordnance Department

6 Units will always have, during peace, arms and accoutrements for their full peace establishment, and officers commanding will put forward requisitions and estimates to maintain the equipment for which they severally account. The requisitions will be prepared on the approved forms, and will, except those for artillery stores and estimates for artillery equipment referred to in paragraph 10, be sent direct to the chief ordnance officer. The vouchers notifying the receipt and delivery of the articles when supplied will also be sent direct.

Forms for, and preparation of, requisitions.

7. Army Form G 1027 will be used for consumable stores and materials for repair, and Army Form G 997 for non-consumable stores, except in the case of ammunition and camp equipment, for which special forms are provided. The time that equipments to be replaced have been in use, especially as regards articles to which periods of duration are assigned, will also be stated, and the authority for the supply given. When stores, ammunition, or equipment are demanded on payment, the requisition will be endorsed to that effect in red ink.

Demands when to be made.

8. With the exception of demands for camp equipment, requisitions will, except in special cases to be explained, not be made more frequently than three times a year—in January for small-arm ammunition for practice and exercise; in March, for gun ammunition and the spare parts and materials for repair and preservation of small arms; and at the termination of the annual training for any articles actually required to replace deficiences which may have occurred thereat.

Supplementary requisitions

9. Should additional small arms or accoutrements be required in consequence of augmentation of establishment, a supplementary requisition will be put forward.

Requisitions and estimates for artillery stores

10. Requisitions for artillery stores additional to the authorized equipment will be forwarded through the officer commanding Royal Artillery in the district to the chief ordnance officer. They will be submitted to the War Office prior to taking further action.

Annual estimates for artillery equipment will be prepared in duplicate on Army Form G 801 and rendered to the officer commanding Royal Artillery by the 1st June of the year preceding that for which the equipment is required.

Time of supply.

11. The Army Ordnance Department, in communication with the officers to whom the issues are to be made, will arrange as to the mode and time of supply.

12. All requisitions and receipts will be signed by the officer commanding the unit, or by an officer acting in his name.

Officers commanding to sign requisitions.

Arms and accoutrements of men transferred from R.A. and R.M.A.

13. Non-commissioned officers of Royal Artillery and Royal Marine Artillery, on their transfer to the permanent staff of Militia Artillery, will leave their arms and accoutrements with their units, and the commanding officers of the Militia units will, if the equipment be not already on charge, demand for them, from the chief ordnance officer, the accoutrements of a serjeant of the Royal Artillery and arms of the description in use in the Militia unit.

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This equipment will then be taken on charge by the commanding officers of the units to which the men are transferred or attached, and will be accounted for in the equipment account.

III.—RECEIPT AND INSPECTION OF EQUIPMENT.

14. When equipments of any kind are under inspection, the officer responsible for them, or an officer duly deputed by him, will be present. *Those in charge to attend inspections.*

15. No equipment will be transferred from the charge of one unit to another except by the authority of the War Office, in which case an officer of the Army Ordnance Department will be present; nor will any articles be received from or delivered into store without the receiving and delivering officers making a careful inspection of all such stores, either personally or by deputy. *Inspection of stores changing hands.*

16. Officers or others receiving stores will ascertain, before giving a receipt, whether the packages have been damaged in transit. Should such be the case, or should any suspicion arise as to their having been tampered with, the circumstance will be at once pointed out to the person conveying the stores, and, if requisite, the packages will be opened in his presence, and a record of the circumstance will be made on the carrier's note. Neglect to carry out this instruction will render the officer receiving the stores personally responsible. *Inspection of stores on receipt.*

17. Stores received by number and weight will be both counted and weighed. When stores are packed in cases or bales, the packages will be weighed, and the weight marked upon each. *Stores to be counted and weighed.*

18. All equipments, when received by units, will be at once examined, the packages opened, and the contents counted in the presence of the officer commanding the unit, or an officer deputed by him, before being taken on charge. Lids of cases and casks should be kept so as to be ready for use in returning the stores, if necessary. *Inspection on receipt of stores.*

19. When arms are removed from the arm-chests, the greatest care will be taken not to damage the chest fittings. When the fittings appear to have been injured by unfair treatment, their value will be charged against the unit concerned. *Care of chest fittings.*

20. All objections to equipment on the ground of its being of inferior quality, of an obsolete or incorrect pattern, or for any other cause, will, if possible, be made by officers commanding units before the articles are taken on charge; but objections are not to be made to articles solely on account of their being part worn. When the store vouchers have been passed, the responsibility devolves on commanding officers. *Objections to equipment.*

21. In every case of deficiency or irregularity, a report will be made without delay to the ordnance officer, the stores concerned, as well as their packages or wrappers, being put aside for further inquiry. Should the matter not be cleared up, the General Officer commanding will, if necessary, order an investigation by a court of inquiry. *Inquiry as to deficiency or irregularity.*

22. Fuzes, tubes, and other articles which are issued in hermetically closed cases, as well as small-arm ammunition and *Ammunition and combustible stores.*

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gunpowder, will be accepted as received, the exact numbers or quantities being checked when the articles are required for use. Any defects will then be reported without delay, all names, dates, or other marks upon the cases being quoted.

IV.—RETURN OF EQUIPMENT INTO STORE.

Articles improperly returned.

23. Issues of arms, accoutrements, and other articles of equipment to replace similar unserviceable articles in possession of a unit will not be made until the unserviceable articles have been returned to the Army Ordnance Department, inspected, and condemned.

Articles improperly returned.

24. When articles returned into store as unserviceable are considered by the ordnance officer receiving them to be still serviceable, or capable of repair by the corps; or when any of those that are really unserviceable are considered to have become so from improper use or negligence; or when articles returned are found, on examination, to have been injured while in possession of the unit, which is thereby rendered liable to pay the cost of repair, the chief ordnance officer will call the attention of the officer returning the articles to the subject, in order that the damages may be made good, or an explanation afforded for the information of the General Officer commanding, who, if necessary, will order a board of officers to investigate the matter. The cost of carriage unnecessarily incurred will be defrayed by the officer commanding the unit.

Articles still serviceable.

25. Articles of equipment will not, even if they have been the prescribed time in use, be returned into store (except as laid down in paragraphs 23 and 24) for the purpose of being replaced until they have become thoroughly unserviceable. Nor will they be returned on the ground that they are of an obsolete pattern. The authority of the War Office is required before any equipment still serviceable can be exchanged.

Authority to return equipment.

26. Whenever it becomes necessary or advisable to return articles of equipment into store (except as provided in paragraphs 23 to 25), officers commanding corps will make application to the Army Ordnance Department to receive them, stating their description, number, the time they have been in use, and the cause of their proposed return, such as the reduction of establishment, or the improbability of their being required again.

Delivery and receipt vouchers always to be sent by post.

27. When stores are returned from a distance, the officers returning them will send, by post, to the ordnance officer at the station to which they are consigned receipt and delivery vouchers on Army Form G 1033, on the same day that the goods are dispatched.

Date and order always to be inserted.

28. The date and number of the order directing the return of the stores will be conspicuously marked on the outside of each case or package, so as to enable the consignee to identify them on receipt. Each case, bale, or package will be weighed, and the weight marked upon it.

Vouchers to contain details.

29. A detailed list of every article returned, with the numbers, will be entered in the usual manner in the delivery and receipt vouchers, the former being signed by the consignor, and a memorandum specifying the date on which the articles were despatched,

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the name or designation of the carrier, and the mode of transit, will be entered at the foot of the detailed list on the delivery voucher.

30. When stores are returned by carrier, a carrier's note (Army Form G 980) will be delivered to the carrier after the mode of conveyance to be used has been ascertained from the officer in charge of transport in the sub-district, or from the officers authorised to pay for the conveyance by the Allowance Regulations. For explosive stores conveyed by railway in Great Britain, the special form of carrier's note supplied by the railway companies will be used in lieu of Army Form G 980. **Carrier's note to accompany the stores.**

31. When stores are returned into store in packages, an inventory of the contents on Army Form G 1028, signed by the packer, and, if practicable, also by the person witnessing the packing, will be placed in each package. **Inventory of contents of package.**

32. Commanding officers will take care that all packages received with ammunition or equipment are handed over, when empty, to the ordnance officer at the nearest depôt as soon as they can be dispensed with, if possible without cost to the public. The packages will be addressed :— **Empty cases, &c.**

*The Ordnance Officer*_____

*From the Officer Commanding*_____

*at*_____

33. The utmost vigilance is required on the part of officers returning stores, in order to guard against explosive stores being returned into ordinary store depôts, instead of into the magazines, as well as to preclude the possibility of lucifer or other matches being left among stores of any kind, or of blank and ball small-arm ammunition being returned to store in the same package. **Explosive stores.**

V.—BOARDS OF SURVEY AND COURTS OF INQUIRY.

34. Commanding officers may order the assembling of regimental boards of survey, if they desire assistance in judging as to the conditions of the equipment; but the reports of such boards may not be used as authority to strike articles off charge, or to demand equipment from store. Condemnation of stores must be supported by the proceedings of garrison boards, where boards are requisite. **Commanding officers may assemble boards for their own information.**

35. When stores or equipment of any kind are lost, destroyed, or injured, and it is a matter for consideration on whom the expense of replacing or repairing them should fall, the course laid down in the Queen's Regulations will be followed. **Course to be followed when losses, &c., occur.**

36. The original report to the General Officer commanding will be accompanied by Army Form G 998, duly filled in, and where stores are required to be replaced a copy of the decision of the General Officer commanding, or of the War Office, as the case may be, will be attached to the requisition upon the Army Ordnance Department for the replacement of the stores. **Decision of G.O.C. or War Office to be attached to requisition.**

37. Reports of Commanding Officers referred to in paragraph 36, and proceedings of Courts of Inquiry, when they refer to arms, must be confined to arms, and must not include reports on other equipment. The number on the barrel, as well as the regimental number of the arm, will be recorded therein. **Reports when they refer to arms to be confined to arms.**

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Rifles or carbines.

38. In all reports relating to rifles or carbines, the number of the arm, and the factory at which it was manufactured, will be stated, in order to facilitate identification in cases where particular rifles or carbines are referred to. The number of the arm and the name of the factory will be found stamped on the body.

Directions as to sending damaged arms to C.I.S.A.

39. When a damaged arm is sent to the Chief Inspector of Small Arms for special report, or assessment of damages, a label stating the circumstances and giving the reference number and date of any War Office orders, or proceedings of Courts of Inquiry, should be attached to the arm for identification, and a copy of the decision, if any, of the General Officer commanding regarding it, together with a copy of Army Form G 998, should be attached to the vouchers when forwarding the arm.

Proceedings of Courts of Inquiry.

40. If there is an ordnance officer available who is not the chief ordnance officer of the district, he will serve as a member of Courts of Inquiry, where necessary, under the foregoing instructions. The proceedings of Courts of Inquiry will be transmitted in duplicate by the President, direct to the chief ordnance officer, who will submit them, with his views, to the General Officer commanding, and after the General Officer commanding has recorded his decision the chief ordnance officer will send one copy to the officer commanding the corps concerned, to serve as his authority to write off the stores or demand new articles to replace them.

Losses incurred by R.A. in moving heavy stores.

41. If the loss or damage has occurred when the Artillery have been employed in moving heavy stores, the officer in charge of the operation should, in giving evidence, produce a statement showing distinctly the materials used, their actual dimensions, the strain calculated to be borne by them, the actual weight to be lifted, the distance through which the stores are to be lifted, vertically or horizontally, and, in the case of sheers, the angle of inclination.

Stores of a technical nature.

42. When the stores forming the subject of inquiry are of a special or technical nature, or peculiar to the Royal Artillery, Royal Engineers, or any particular service, the written opinion of the local head of the department concerned should be taken before the matter is finally dealt with by the General Officer commanding.

VI.—EQUIPMENT ACCOUNTS AND CLAIMS AGAINST UNITS.

Accurate accounts to be kept of all equipment.

43. Quartermasters of units will keep and render accurate accounts of any equipment on charge of the units to which they are attached, and until these accounts have been examined, and allowed their responsibility will not cease. All transactions connected with the equipment of the unit are to be recorded in these accounts. In units which have no quartermasters the duty devolves on the Adjutant. In the case of regimental depôts the quartermaster-serjeant, under the supervision of the officer commanding the regimental district will keep the equipment accounts.

44. Artillery stores, as well as the other permanent equipment in possession of Militia Artillery units will be accounted for in Army Book 233.

45. Upon transfer of charges from one accountant to another a verification of the stores on charge need not be carried out unless

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at the request of either of the accountants concerned. Should such a request be made, the Officer commanding the regimental district will appoint a board of officers for the purpose, and the accountants will sign a certificate on the form shown in Appendix I. Should no such board be held, the accountant taking over charge will be responsible for the correctness of the stores taken over by him as from the date of the last board held under paragraph 5.

Balances of artillery store accounts.

46. The officer commanding the Militia and Volunteer Artillery in the district will, under the orders of the Officer commanding Royal Artillery of the district, from time to time verify the balances of the Artillery store accounts by comparison with the actual stock of stores on charge, and any deficiencies will be dealt with under paragraph 61.

Regimental equipment ledgers to be balanced yearly.

47. Equipment accounts will be balanced up to the 31st March in each year, and will be forwarded within one month from that date to the War Office, supported by vouchers, and certified as carefully checked.

Copies kept by C.O.

48. Copies will be kept of all equipment accounts sent to the War Office. Should any queries arise on the examination of an account, copies of such queries and of the replies will be retained by the accountant, who will correct his copy of the account accordingly.

Stores not taken on charge in equipment accounts.

49. Stores received for temporary purposes or held on inventory as barrack stores, or received on payment as the property of the unit, materials for repair, and other consumable articles drawn upon regulated scale (except ammunition) will not be taken on charge in the equipment accounts, but any quantities of consumable articles unused at the end of the year will be shown as in possession in the requisition for the next year's supply.

Accounting for ammunition and empty cartridge cases.

50. Ammunition for practice and exercise will be taken on charge, and written off at the time of being expended. The Expense Voucher (Army Form P 1925) will give particulars of the numbers of men exercised and of the quantities expended, with a reference to the authority for the expenditure. Small-arm cartridges which have been expended from the gratuitous supply will be retaken on ledger charge by certificate receipt voucher as empty cartridge cases as directed in paragraph 118.

Packages.

51. Packages will be accounted for in the equipment ledger.

Vouchers.

52. All transactions which are to be recorded in the account will be supported by vouchers and promptly recorded as they occur. The "account folio" column of the vouchers will be invariably completed. Receipt and issue vouchers will be kept distinct, and numbered consecutively according to date in two series, from one upwards, for the whole period of the account.

Vouchers will be passed for small arms and components of small arms (including the chests, cases, &c.) sent to the Royal Small Arms Factory for rebrowning and repairs.

Description of stores.

53. The stores will be described in strict accordance with the nomenclature and classification of the Priced Vocabulary of Stores.

Remain.

54. The balance of stores remaining at the close of an account is called the "remain," and will be brought forward as the commencing line of the next account, where it is called the "state."

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Assessment of charges for loss or damage.

55. The value of all arms, accoutrements, and other stores rendered unserviceable or lost by neglect or culpable mismanagement, will be recovered from the individuals chargeable, and credited in the accounts of the station paymaster. Charges on account of articles of permanent equipment will be made only for the proportionate value of the unexpired period of wear; no charge will, however, be reduced below a quarter of the full value, and in the case of any one arm, no charge will exceed 2*l.* unless otherwise determined by sentence of court-martial.

Period of duration.

56. For the purpose of assessing charges, but not in any way to govern the times for exchanging the stores, it will be considered that part-worn articles issued to the Militia should last, subsequently to such issue, the full periods laid down for duration of similar articles in the hands of the regular forces; and that articles issued new should last for double these periods.

Reduction of charges in the case of camp equipment.

57. As regards articles issued for camps and other temporary services, a reduction from full vocabulary rates can only be made upon the certificate of the ordnance officer who made the issue, that the rates charged are the fair or real proportionate value.

Calculation of charges.

58. The unexpired period will be calculated in years, any period of less than 12 months being charged against the individual responsible as a full year. The charges will be calculated in accordance with the rates laid down in the Priced Vocabulary of Stores. Any evidence as to the proportionate value will be recorded in the proceedings of the Court of Inquiry or other authority which investigates the loss. Where the proportionate value of permanent equipment, other than personal, cannot be ascertained, the full value will be charged.

Charge for injury to barrels

59. In cases of injury to barrels, the barrel and body together will be exchanged, but the amount assessed for the damage to the barrel only will be charged.

Charge for complete arm.

60. In the case of culpable repairable damage of equipment, whether personal or other, the actual cost of repair, including both wages and materials or components, will be charged, provided that the maximum rate of 2*l.* for any one arm be not exceeded without authority of a court-martial.

Articles lost or unserviceable when chargeable.

61. Articles of equipment charged against the unit will be struck off charge in the equipment account.

A reference to the period of the account in which the credit of the amount charged will be found will be given on the equipment expense voucher (Army Form P 1925), and the requisition for stores in replacement will quote such expense voucher.

Payment for stores to be made prior to issue.

62. The value of stores authorized to be issued on payment will be paid to the district paymaster prior to issue, priced vouchers in triplicate on Army Form G. 982 being furnished by the Army ordnance officer. The original copy, after receiving the paymaster's signature, will be returned to the ordnance officer, and upon receipt of it issue will be made.

Articles replaced and not chargeable to troops.

63. When stores are condemned by proper authority as unfit for further service, or are lost or damaged through no fault of the troops, the dates and registration numbers of the reports of boards of surveys or other authority will be quoted upon the equipment issue voucher by which they are struck off charge. The reports of

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boards of survey or other authority will in every case be transmitted to the chief ordnance officer in support of the requisition when new stores are received, and will be attached to the issue voucher of the ordnance account from which they are supplied.

When lost stores are not to be replaced, the proceedings of the Court will be attached to the expense voucher by which they are written off charge.

Unserviceable articles.

64. Such equipments as may become unserviceable will be returned into store as soon as possible (*see* paragraph 23).

Credits and charges in pay list.

65. Credits on account of accoutrements and stores for the permanent staff will appear in the station pay list, and for Militiamen in the Militia pay list on Army Form N 1495 for the training period, and on Army Form N 1496 for the non-training period. All charges on account of accoutrements and stores will be made in the station pay lists. Credits for stores lost or made away with, or obtained by improper enlistment, will be supported by Army Form P 1963.

Articles lost by desertion.

66. Articles of equipment lost by desertion will be struck off charge on Army Form P 1925. In the event of a deserter, on rejoining, being in possession of any of the articles found deficient on his desertion, the articles brought back by him will be taken on charge in the equipment ledger.

Deserter re-joining.

67. In the event of a deserter rejoining and being sentenced by court-martial, or being ordered by the competent military authority dispensing with the trial to be placed under stoppage for the value of any articles found deficient on desertion, such articles will be retaken on charge and struck off again as deficiencies on Army Form P 1925, showing where credit will be found in accordance with paragraph 68.

Stoppage returns.

68. At the end of each month a return will be prepared on Army Form P 1963, showing the names of, and the amounts recoverable from, any men liable to make good the cost of repairing or replacing articles of equipment under paragraphs 55 to 60 and 67. The stoppage returns will be made out by companies, &c., and the amount due from each company, &c., will be notified in regimental orders, and credited in the company, &c., pay list, the returns being annexed as vouchers to the account in which credit is given.

ARMS, ACCOUTREMENTS AND HANDCUFFS, MUSICAL INSTRUMENTS, STORES FOR DRILL AND INSTRUCTION, AND PIONEER EQUIPMENT.

Proportions allowed.

69. Arms, equipment, &c., will be supplied to units in accordance with the scales laid down in Appendices III to VI.

Militia Artillery.

Guns for drill and instruction.

70. The guns which are allotted to Militia Artillery for drill and instruction will be provided with the proper equipment of side-arms, etc., for drill and practice, in addition to the stores allowed by Appendix III.

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How accounted for.

71. Lithographs will not be brought on charge in store accounts, but correct lists of them will be kept by the officers for whose use they are supplied.

Special stores.

72. Issues of gyns, sling wagons, or other exceptional stores, &c., require special War Office authority.

Targets for instruction.

73. Targets for instructional purposes (the same as that approved for Horse and Field Artillery, § 4487, *List of Changes*) will be allowed in the proportion of 1 for every 2 companies, plus 1 in the case of units having an odd number of companies. These targets will be issued from the Army Ordnance Department complete. For instructions regarding their use, see Appendix VIII.

74. The following targets will be allowed for the practice of Militia Artillery :—

(i.) Regiments practising from Royal Artillery works or batteries will use targets, floating or moving, held at the station on charge of the Royal Artillery. Such regiments will draw no allowance of targets.

(ii.) At stations where no targets in the Royal Artillery charge are provided, two floating targets per company will be allowed, but the total number held at any one station will not exceed six. If practice is carried out with guns on traversing mountings at such stations, two moving targets per station will be allowed in addition to the floating targets.

75. Arrangements for obtaining vessels for towing the moving targets allowed under paragraph 74, will be made under the orders of General Officers commanding, by the local Army Service Corps officer in charge of transport, to whom application should be made. In the event of no public vessel being available, hiring may be resorted to, provided the cost does not exceed £5 per company or £30 per corps per annum. The bills will be supported by a certificate that no public vessel was available.

76. A description of the floating target, Mark III, to be used with detail of components, is given in Appendix IX. At certain stations where currrents are strong, or other exceptional circumstances render the use of heavier or special targets necessary, sanction must be obtained from the War Office.

77. A drawing of the moving target is given in Appendix X. Specifications to guide manufacture can be obtained from the Army Ordnance Department on demand.

78. Floating targets and rafts when shot away at practice may be written off charge by a certificate to that effect from the commanding officer, on Army Form G 1049. When anchors or cables are lost, the circumstances will be investigated and dealt with in accordance with the instructions contained in paragraph 35.

79. Floating targets are not to be left out at night, either before, during, or after practice, if it can possibly be avoided.

Care and preservation of stores.

80 The instructions in the Equipment Regulations with regard to the marking, care and preservation of ordnance, carriages, platforms, &c., will be followed as far as practicable by officers commanding Militia Artillery units in connection with the Artillery matériel in their charge.

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81. The officer commanding the Militia and Volunteer Artillery in the district will be responsible to the officer commanding the Royal Artillery that the Artillery matériel is kept in an efficient state, and that due economy is observed in its maintenance. Artillery matériel, care of and responsibility.

He will inspect all such matériel from time to time, and will report on its condition in the Annual Inspection Reports, taking such steps as may be necessary to have the carriages examined, and, before recommending any to be replaced, he will satisfy himself that they are unserviceable.

All recommendations proposing the condemnation of such matériel will be forwarded by the officer commanding the Militia and Volunteer Artillery in the sub-district to the officer commanding the Royal Artillery

MOBILIZATION EQUIPMENT.

82. Battalions of Militia which hold their mobilization equipment during peace will conform to the instructions on the subject laid down for units of the regular army.

83. The authorized scale of equipment is published from time to time in Mobilization Store Tables (Army Form G. 1098).

84. The instructions for the preservation of harness and saddlery, given in the Regulations for Army Ordnance Services, will also be followed for harness and saddlery of mobilization equipment, and cleaning materials, according to the following scale, will be allowed for the purpose :—

—		Annual Proportion for each.		
		10 sets of Harness (double).	10 sets of Saddlery.	10 sets of Pack Saddlery.
Linen	lb.	1	½	½
Oil Rape	qts.	2	½	½
Dubbing	lbs.	2	1	1
Camphor and Naphthaline*..	ozs.	5	2½	4

* For pannels, saddle blankets, and numnahs.

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AMMUNITION.

I.—GUN AMMUNITION.

Annual allowance.

85. The quantity of gun ammunition allowed for the annual training of each company of a unit of disembodied Militia Artillery will be, for practice 45 rounds, and for exercise 45 rounds. These rounds must be all expended during the financial year, and none carried over from one year to the next.

Scale.

86. The following will be the ordinary scale of allowance :—

Articles.	No.
Companies practising from 64-pr. R.M.L., and 40-pr. R.B.L. guns.	
Woolwich Section, No. 21.	
Cartridges, R.B.L., filled, serge, 40-pr. — 5 lb .R.L .G ..	15
Cartridges, R.B.L., filled, serge, 40-pr. — 3 lb.	15
Cartridges, R.M.L., filled, silk cloth, 64-pr. — 8¼ lb., R.L.G.[4] ..	30
Cartridges, R.M.L., filled, silk cloth, 64-pr. — 5 lb.	30
Woolwich Section, No. 22.	
Cups, R.B.L., guns, 40-pr.	4
Primers, vent piece	30
Woolwich Section, No. 24.	
Shells — R.M.L., empty, common, 64-pr.	14
Shells — R.B.L., filled, common, 40-pr.	4
Shells, filled — R.B.L., segment, 40-pr	4
Shells, filled — R.M.L. common, 64-pr.	8
Shells, filled — R.M.L. Shrapnel, 64-pr.	8
Shot, R.B.L., solid, 40-pr.	7
Companies practising from 64-pr. R.M.L. guns only.	
Woolwich Section, No. 21.	
Cartridges, R.M.L., filled silk cloth, 64-pr. — 8¼ lb. R.L.G.[4]	45
Cartridges, R.M.L., filled silk cloth, 64-pr. — 5 lb.	45
Woolwich Section, No. 24.	
Shells, R.M.L., empty, common, 64-pr.	21
Shells, R.M.L., filled — common, 64-pr.	12
Shells, R.M.L., filled — Shrapnel, 64-pr.	12

Exercise ammunition for recruits.

87. Fifty per cent. of the R.M.L. gun exercise ammunition will be fired by recruits on dismissal from drill.

Commutation scale.

88. When it is considered desirable or necessary that regiments should practise from other guns than those specified in paragraph 85, the ordinary allowance may be commuted for other ammunition, provided that the total expense is not increased.

89. Aiming tube cartridges required for use with Ewart's aiming rifle will also be commuted from the ordinary allowance.

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90. When any commutation is proposed, the officer commanding Royal Artillery in the district will, after conferring with the chief ordnance officer, submit the proposal to the General Officer commanding in time to obtain his sanction thereto before the preparation of the annual estimates. The estimates, when authorised, will govern the natures of ammunition to be used for practice during the ensuing season. Commutation to be submitted early.

91. All common shells, 7-inch R.M.L. and upwards, and also all lighter natures when fired over sea ranges, will be fired plugged. In places where practice with live shells is permitted, all shells, except 7-inch R.M.L. and upwards, will be filled and fired as for service. In places where no live shells can be fired, the proportion of common shells allowed will be fired plugged. Common shells will also be used in place of the proportion of Shrapnel or segment; and except in the case of 7-inch R.M.L. and upwards, will then be loaded with blowing charges, for which calico bags will be supplied and properly fused. Shells, how fired.

92. Plugged common or double shells will be filled with water, and the metal plugs screwed into the fuze-holes. R.B.L. shells of the F.S. gauge will also have the papier-mâché wads placed in the sockets. No more shells than those required for immediate practice will be filled with water. Shells filled with water which have not been expended in practice, or which have been recovered after practice, will be emptied and dried before being placed in store. Plugged shells.

93. All shells fired with blowing charges will be filled with dry coal dust, space only being left for the insertion of the fuze and of the bag containing the blowing charge. Shells firing blowing charges, how filled.

94. For artillery practice no spare fuzes will be authorized, but spare friction tubes will be allowed in the proportion of 10 per cent. for R.M.L., and 20 per cent. for R.B.L. guns. Spare fuzes and tubes.

95. Fuzes, tubes, and primers will be issued in sealed cylinders, which should on no account be opened until their contents are required for use. When the contents of a cylinder have not been entirely expended, they should be returned to the Army Ordnance Department. Issued in sealed cylinders.

96. Tin cups and calico and paper bags for bursters of shells, and paper cartridge covers, need not be returned, but should be shown as expended. Tin cups and calico and paper bags.

97. Any "prematures" or other failures which may occur in the ammunition used at practice will be at once reported to the District Officer Commanding for transmission to the Chief Inspector, Royal Arsenal, Woolwich. Prematures and failures, report of.

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98. Immediately on the close of Artillery practice each day, search will be made on the ranges for unexploded projectiles. Plugged shells not filled with explosives and shot may be handed over to the Army Ordnance Department; but all fuzed shells and filled plugged shells will be destroyed *in situ*, as laid down in the instructions for the destruction of shells by means of gun-cotton, contained in the Equipment Regulations, Part II., Section XII. Recovery and destruction of projectiles.

99. A set of stores for the destruction of shells, and such quantity of gun-cotton and detonators as may be considered necessary, will be allowed to all land ranges. The regulations for packing and storing gun-cotton and detonators will be strictly Destruction of shells.

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observed, and where there are no available suitable buildings or sheds for storage, tents will be used for the purpose. The destruction of shells by means of gun-cotton will only be carried out under the personal superintendence of the adjutant. Where grass is likely to be injured by the fragments of projectiles lying about on the ranges, fatigue parties will be sent out to collect them and pile them on bare spots in the neighbourhood.

Rewards for recovery.

100. Rewards will be paid for the recovery of projectiles in accordance with the Regulations for Army Ordnance Services.

Notices cautioning civilians.

101. Notices will be posted up in the vicinity of all ranges cautioning civilians against the extreme danger of handling projectiles found on the range, and informing them that no rewards, or payment of any description, for finding shells or collecting projectiles, will be paid to a civilian.

Demands.

102. Gun ammunition for practice of Militia Artillery will be issued on the demand of the officer commanding the unit, but in order to ensure that the ammunition expended is of oldest date and pattern, the demands (Army Form G 807) will be made through the officer commanding Royal Artillery in the district, on the officer of Royal Artillery in charge of the sub-district in which the work from which the practice is to be carried out is located. This officer will then arrange for the supply of the ammunition of oldest date and pattern from the equipment of the guns of the armament, passing the demand to the chief ordnance officer of the district, and replacing the expended ammunition by the new supply from store.

Officers under instruction.

103. Each officer of the Militia Artillery undergoing a course at the School of Instruction, Woolwich, will be allowed to fire the following quantity of ammunition at Shoeburyness :—

Natures.		No. of rounds.
R.B.L. 40-pr. ..		4
R.M.L.	64-pr.	5
	9-inch	5

104. The quantity of ammunition allowed for each officer of Militia Artillery undergoing a three months' course at the School of Instruction, Woolwich, to qualify as Instructor of Artillery, will be as follows :—

Natures.		No. of rounds.
R.B.L. 40-pr. ..		3
R.M.L.	64-pr.	3
	9-inch	5

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II.—SMALL-ARM AMMUNITION.

105. The following are the annual proportions of small-arm ammunition allowed :— Annual proportions.

		Ball.	Blank.	Cartridges, aiming tube.
For each officer (except of Militia Artillery) who goes through the annual course of individual firing		60	..	..
For each serjeant of the Permanent Staff of Militia Artillery		20*	..	..
For each drummer and bugler capable of bearing arms, and for each serjeant of the Permanent Staff of Militia Engineers or Infantry exercised in Musketry		35*	..	25
For each non-commissioned officer and private present at training who has been previously instructed	Artillery ..	10†	10	..
	Engineers ..	45	20	25
	Infantry ..	50	20	25
For each officer (except of Militia Artillery), non-commissioned officer, drummer, bugler, and private present at training and not previously instructed	Artillery ..	20	20	..
	Engineers ..	80	20‡	25
	Infantry ..	85	20‡	25
	Medical Staff Corps ..	40	20	..

106. A further allowance of 10 rounds of ball ammunition will be issued to each man who has qualified to compete for the prizes of best and second-best shots of battalion. Extra ammunition for prize shooting.

107. The following quantities of ·303 dummy cartridges will be issued to units armed with Magazine Lee-Metford rifles :— Dummy cartridges.

Companies of Engineers	50
Battalions of Infantry	800

108. The proportion of issues will be reckoned from the 1st January in each year. Ammunition remaining undrawn on the 31st December will be forfeited, and any portion drawn but unexpended will be reckoned towards the next year's supply, an explanation being given on the requisition why it had not been returned to the Army Ordnance Department, as required by paragraph 110. Issues to reckon from 1st January.

109. Requisitions for small-arm ammunition will be made out on Army Form G 812 not later than the 10th January in each year, and sent to the chief ordnance officer. The commanding officer will demand for the numbers expected to be present at training, adding Requisitions.

* Including 10 rounds for shooting matches.

† To be drawn, or not, at the option of the commanding officer.

‡ Five additional rounds of blank ammunition may be drawn when aiming tube cartridges cannot be used.

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the necessary amount for the extra allowance of ammunition required by paragraph 106.

Surplus ammunition, &c., to be returned.

110. At the end of the annual practice and exercise, the commanding officer will return to the Army Ordnance Department any surplus ammunition, except where proper magazine accommodation is provided.

Return of empty cartridge cases.

111. The cases of ·303-inch small-arm cartridges supplied gratuitously will be brought on charge by certificate, and returned each year to the Army Ordnance stations from which they were issued, to the extent of, at least, a weight equal to 90 per cent. of the ball, and 50 per cent. of the blank, expended during the year. The cases will be brought on charge by weight, and not by number, at 23 lbs. per 1,000 cases. Any deficiency in these weights will be charged for at 5s. 4d. per 23 lbs.

112. On return to store the value of the empty cases of cartridges issued on payment will be refunded at the above rate. The number and date of the ordnance voucher on which the cartridges were received should be quoted on the payment voucher of the officer charging the value of the empty cases.

113. The cases will be returned to store in the empty ammunition packages, not oftener than once a quarter, and officers commanding will not return a less weight than that representing 1,000 cases. The cases are expected to be in good condition when returned, care being taken that grit and dirt are removed as far as possible beforehand. Each consignment will be accompanied by a certificate of the commanding officer that he has caused the contents of each package to be carefully sorted, and all filled cartridges taken out. In the event of any filled cartridges being found in any of the packages, the empty cases in that package will not be credited to the corps concerned, but will be brought on charge by certificate in the Army Ordnance accounts.

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114. An allowance at the rate of 2*s.* 6*d.* for 23 lbs. will be given for the labour of collecting cases obtained from ammunition supplied gratuitously.

Blank in lieu of ball on alternate years.

115. In battalions of upwards of six companies, in which the prescribed musketry course is gone through by half-battalions in alternate years, 10 additional rounds of blank ammunition may be drawn in lieu of the 50 rounds of ball ammunition allowed by paragraph 105, for each non-commissioned officer and private present at the training who has been previously instructed, and who belongs to the companies which do not go through the practice.

When no range is available for ball practice.

A similar amount of blank in lieu of ball ammunition may be drawn in battalions stationed where no range is available for ball practice for each non-commissioned officer and private who has been previously instructed.

Queen's birthday.

116. Units which are out for training on the Queen's birthday, will be allowed to draw three rounds of blank ammunition for each man, for the purpose of firing a *feu-de-joie.*

Blank ammunition for brigade field day.

117. In the case of a battalion taking part in a brigade field day, 10 rounds of blank ammunition for each man will be issued by the Army Ordnance Department on the authority of the General Officer commanding the district.

Service am-

118. Service small-arm ball ammunition will be held on charge

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by Militia units in the following proportions, calculated upon the number of arms on the fixed establisment of each unit :— munition.

Artillery	rounds per arm	20
Engineers	" "	50
Infantry	" "	100

This ammunition will be stored in regimental magazines, except in Ireland and in cases where this accommodation is not at present available, when it will be held by the Army Ordnance Department for the unit concerned.

On mobilization the above amounts will be increased by the following, to be taken from the reserves held on Army Ordnance Department charge in the district in which the unit mobilizes :—

Engineers	rounds per arm	100
Infantry	" "	200

Upon mobilization for war each unit will draw ammunition in the above proportions, and take it in regimental charge to its place of concentration. If, however, the place of concentration is in the district in which the unit mobilizes, this issue of ammunition may be arranged for as the General Officer commanding may direct.

The place of storage in peace, and any detailed arrangements for supply of this ammunition, will be laid down in the local defence schemes, and all units will be kept informed in peace of these arrangements as far as they themselves are concerned.

119. Commanding officers are permitted to purchase on prepayment from the Army Ordnance Department, such quantity of ball and aiming-tube cartridges, in addition to that fixed by paragraph 108, as may be required for regimental purposes. Purchase on prepayment.

III.—CARE AND CONVEYANCE OF AMMUNITION.

120. The ammunition longest in charge, including the service ammunition, will be first expended. The service ammunition will be replaced by that received annually from store. The ammunition from boxes which have been opened will be completely used up before the linings of other boxes are opened, and tin linings are not to be disturbed until the ammunition is actually required for use. Old ammunition to be used first. Berwick 12/1

121. Commanding officers, when demanding gunpowder or ammunition of any description, will at the same time notify to the Army Ordnance Department that a magazine is ready for its reception. Magazine for reception of powder, &c.

122. When ammunition is forwarded from Government stores for the use of a unit, arrangements will be made by the Army Ordnance Department for its conveyance from the railway station or port to which it may have been transmitted. Conveyance of ammunition.

123. Ammunition for breechloading small-arms which contains its own means of ignition, must not be stored within the same masonry compartments of magazines as gunpowder, whether the latter is in the shape of filled gun cartridges or loose powder. B.L.S.A. ammunition, where stored.

124. Whenever it becomes necessary to return gunpowder or gun or small-arm ammunition into store, officers commanding will apply to the ordnance officers from whom they originally received the ammunition for instructions as to its mode of conveyance, specifying the number of cases or of half and quarter barrels. Return of ammunition to store.

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Address labels not to be removed.

125. Commanding officers will take care that the printed address labels on the barrels, &c., are not removed ; and in the event of any of the labels being accidentally defaced or removed, the name and number of the unit should be marked on each package.

Ammunition barrels to be free from dirt, &c.

126. When powder and ammunition barrels, whether full or empty, are to be returned to the Government stores, great care is to be taken to remove all tacks, dirt, and grit from them. Instructions will be given to the persons by whom such barrels are to be conveyed to keep them free from dirt and grit during their transit. Address cards will be affixed to the barrels by means of paste or string, and not on any account by means of tacks or nails.

Packing ammunition.

127. Ammunition will only be packed in the presence of a commissioned officer, and no person will be allowed to enter the magazine or room in which the packing takes place unless he has changed his boots for magazine slippers, and until it has been ascertained that he has not on his person any pipes or matches.

Magazines to be kept private.

128. Magazines will only be used for the storage of the ammunition of the unit for which they have been approved. No ammunition belonging to other units will be admitted without the sanction of the General Officer commanding the district. No explosives belonging to private individuals, associations, or corporations will be stored therein on any pretence whatever.

Instructions for magazines, &c.

129. The "Instructions in regard to Magazines and Ammunition Stores in charge of Royal Artillery," contained in Army Form G 879, will be made applicable as for as possible to the Militia Artillery. Copies of these instructions can be obtained on demand.

CAMP EQUIPMENT AND INTRENCHING TOOLS.

Demands.

130. The proportion of all articles of camp equipment and intrenching tools to be demanded, except for manœuvres (see paragraph 136), are laid down in Appendix VII. Commanding officers will be careful not to demand any articles of camp equipment that are not actually required, the demand (Army Form G 968) being based upon the number of officers and men who it is believed will actually be encamped. All requisitions for camp equipment will be prepared in detail, and sent to the chief ordnance officer by commanding officers as early as practicable, in order to give time for checking and supply (see para. 138A).

Hospital use.

131. Camp equipment for hospital use will be issued on the requisition of the medical officer, countersigned by his commanding officer, who will account for the stores.

Separate requisitions for camp equipment.

132. Camp equipment issued to a Militia unit at manœuvres or camps of instruction will be demanded on separate requisitions from stores belonging to the personal equipment of units ; and vouchers for this service—either for receipt or issues of stores—will be kept distinct from vouchers relating to the personal equipment of units. The scale allowed for manœuvres will be in accordance with that detailed in the proportions to be issued for

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the dismounted services when required for manœuvres, as laid down in Part I, Equipment Regulations.

133. The provision of extra blankets which it may become necessary to issue to troops in camp under certain circumstances, as when the ground is wet, or when straw cannot easily be procured, will likewise be subject to special consideration and report, the necessity being certified to by the medical officer. Extra blankets.

134. Picketing implements and waterproof covers for saddlery, nose-bags, and corn-bags, will be the only articles supplied free of charge for the officers' horses. Horse equipment.

135. Tents, blankets, nose-bags, canvas and leather buckets, and other canvas, linen, cotton, woollen, or leather articles which have become wet while in use, will be thoroughly dried and cleaned by the troops before being returned into store, in order to prevent the injury which arises from damp and mildew. Any damage resulting from the neglect of these instructions will be charged against the unit. A similar course will be followed in the case of camp kettles and other articles liable to injury from rust. Tents, &c., to be dried and cleaned before returned into store. Camp kettles, &c.

136. When the camp of a Militia unit is broken up in wet weather, tents should not be struck or other articles of equipment handed over in a wet state. A detachment will be left behind until the articles are in a proper condition to be returned into store. This detachment will consist of a serjeant of the permanent staff and any Militiamen who may volunteer for the duty, not exceeding one non-commissioned officer for the party and two men a company; or of a serjeant and the drummers. Wet weather. Detachment left in charge.

137. The following rules and instructions for packing will be observed when handing over stores on the termination of a camp:— Rules for packing.

A. When stores are handed into an ordnance depôt at the camp:—

(1.) A space at the ordnance depôt on the camping ground will be allotted to each battalion, in which its stores will be laid out for handing over to the Army Ordnance Department.

(2.) Paillasse cases, bolsters (after being emptied of straw), blankets, and waterproof sheets will be laid out flat, one on the top of the other, in piles of any height; they will be checked off and tied in bundles when being taken over by the Army Ordnance officer.

(3.) Camp kettles will be packed in the cradles in which issued.

(4.) Tents will be left in the valises and stacked in pile, except as stated in sub-paragraph (8).

(5.) Pin bags will be emptied and laid out flat, one on the top of the other, in heaps of 20 or less, as may be convenient.

(6.) Marquees will not be securely tied up, as they will have to be examined to check over the various parts, &c.

(7.) Axes, mallets, tent poles, spades, and other small stores will be collected and placed so that they can be readily counted.

(8.) Should the weather be wet, arrangments will be made for handing over blankets, paillasses, bolsters, waterproof sheets, pin bags, and all other damageable stores in a store marquee at the depôt, which will be told off to each battalion on the morning of the day of termination of the camp, but all tents will be left standing.

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B. When stores are not handed over at an ordnance depôt on the ground :—

Stores will if possible be returned in the same cases or vats in which they were received ; each package will be labelled and addressed to the ordnance officer. Bundles will be tied, in at least two places, with spun yarn.

Blankets, G.S., will be rolled lengthwise in bundles of 20, and fastened near either end with spun yarn ; horse blankets, paillasse cases, &c., and waterproof sheets (unless packed in cases or vats) in similar bundles of 10. Buckets, tubs, and pails will be nested five together and fastened with yarn ; camp kettles will be packed in cradles (5 each). Bolster cases will be packed (200) in a paillasse case. Tents will be in valises, pins and mallets in pinbags, poles tied in sets ; the loose parts of Soyer's stoves and vehicles will be firmly secured with spun yarn.

Accounts.

138. Camp equipment will not be entered in the annual equipment accounts of units, but officers commanding will keep an account, on Army Form G 973 (which will be furnished to them by the chief ordnance officer), of all the articles of camp equipment received, and on the termination of the encampment they will balance the account and return it, with the whole of the stores remaining on hand, to the chief ordnance officer.

FIELD HOSPITAL EQUIPMENT.

Field Hospital Equipment.

138A. When Militia units are encamped for training at places where no hospital building is available, field hospital equipment will be demanded on Army Form G 968, for the articles supplied by the Army Ordnance Department, and on Army Form I 1209 for the hospital equipment detailed in Appendix XI. The equipment, when no longer required, will be taken over by the regimental authorities, and returned into store.

ARTICLES FOR MUSKETRY INSTRUCTION.

139. Articles for musketry instruction will be supplied, if desired by the officer commanding in the undermentioned proportions to units of Royal Engineers and to depôts for the use of Militia Infantry recruits. The articles will be accounted for as equipment.

	For M.L.-M. and M.L.-E Arms.
Actions, skeleton (with butts)	1
Aim correctors	1*
Implements, action, M.L.-M., pattern C. ...	2
Tool, removing striker, M.L.-M. rifle	1

* For R.E. units only. Those allowed for Infantry battalions are detailed in Appendix V.

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PRESERVATION, REPAIR, AND MARKING OF EQUIPMENT.

I.—ARMS.

I. Examination, Repair, Browning, Cleaning, and Storing.

Yearly examination, &c., by armourer-serjeants.

140. The armourer-serjeants in the Scottish, North Eastern, North Western, Eastern, Western, Home, Southern, Thames, and Jersey districts will examine annually the arms in possession of the Militia units in their circuits, will execute such repairs as may be necessary, and will re-brown the arms as required. The above arrangement does not relieve commanding officers from responsibility as to the care and repair of the arms, and arrangements will be made by them for such general supervision of the work of the armourer-serjeants as will ensure its being properly carried out.

Application for armourer-serjeant's services.

141. Officers commanding Militia units will, on the conclusion of the annual training, make application to the General Officer commanding for the services of the armourer-serjeant of their circuit whenever the condition of the arms renders this necessary.

Browning materials and spare parts.

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142. Circuit armourers will be supplied in advance by the chief ordnance officer of the district with the components estimated to be required for repairing the various descriptions of arms, and such supplies will be written off charge in the ordnance accounts by expense voucher. On completion of the tour, the circuit armourer will produce lists of the components expended on the arms of each unit, supported by the certificate of the commanding officer that he is satisfied that the quantities affecting his arms are correct.

The Chief Ordnance Officer, after satisfying himself that the components, if any, brought back by the circuit armourers are the correct balance, will bring them on Army Ordnance charge by certificate voucher.

Arms unserviceable or needing extensive repairs.

143. If on examination of the arms the armourer-serjeant should meet with an arm which he considers unserviceable, or which may require more extensive repairs than he is able to execute on the spot, he should report the circumstance to the officer commanding, who will, should he consider there is any doubt as to who should bear the cost of repairing or replacing it, proceed as directed in paragraphs 35 and 36, in order to ascertain if blame is to be attached to any individual. The arm will be sent to the Inspector of Small Arms, Sparkbrook, Birmingham, as soon after the annual examination as possible, application as to the means of conveyance being made, in accordance with Queen's Regulations, to the transport officer at that station.

Marks on barrels.

144. In cases where it is not possible entirely to remove marks in the barrels caused by cuts or rust without unduly enlarging the bore, a star (*) will be placed upon the barrels of rifles and carbines in front of the "Knox form," and upon the barrels of pistols on the left-hand side of the "top strap." This mark is only to be made at the factory, and will denote that a trace of a cut or of rust may be expected, and that no charge for such cut or rust will be made against the soldier at any subsequent inspection.

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Armourer-serjeant or viewer receive assistance.

145. The armourer-serjeants or viewers sent from the Inspection Department will receive any necessary assistance in stripping and re-assembling arms. The men so employed will receive working pay at the third rate, under the Royal Warrant relating to Pay, &c. All claims for such working pay, on Army Form O 1779, will be certified by the armourer-serjeant or viewer, and countersigned.

A portion of the arms may be browned.

146. Should it be considered to be for the convenience of the service not to brown all the arms of a Militia unit in one year, arrangements may be made for a portion only to be dealt with. In such cases a record will be kept of the numbers of the arms browned, and the date on which this service was performed.

When embodied.

147. Should a Militia Infantry battalion be embodied, an armourer-serjeant will be attached to it, and the arms will be dealt with in a similar manner to those of the battalions of regular infantry.

Occasional examination, &c., by serjeant-instructor.

148. During the period the arms are in store they will be examined by the serjeant-instructor (or the non-commissioned officer detailed for the duty), the barrels wiped out and oiled, and the actions, if found to act stiffly, also cleaned and oiled as occasion may require, and especially just before the annual training; but the actions will not be taken to pieces, as the oiling is quite sufficient to clean arms, except that serjeant-instructors who have been through a course of instruction in the care and preservation of arms at the Royal Small-Arms Factory, Birmingham, will be held responsible that the mainsprings and strikers of the arms of their units are kept in good order; and they will at once replace either of these parts should one become broken.

Trigger-spring broken.

149. In the event of a trigger-spring breaking, the arm will be sent to the Inspector of Small Arms, Sparkbrook, Birmingham, in order that the "pull-off" may be properly adjusted.

Store for arms to be dry.

150. The store for the arms should be a dry and well-aired building, kept perfectly clean, and free from worm-eaten timber.

Charges for returning arms to store dirty.

151. A charge of 6*d.* for each arm will be made by the Army Ordnance Department against any unit returning arms to store in a dirty or neglected state. This charge may be reduced on the authority of the General Officer commanding, if the weather during the camping season has been very wet.

Instructions for care and cleaning.

152. Instructions for the care, inspection, and cleaning of arms are given in Appendix II.

Report and testing of unserviceable arms.

153. Should a commanding officer doubt whether arms of any description under his charge are serviceable, he will report the matter, stating the reasons for his opinion; and his report will be forwarded to the War Office. If considered advisable, an examination of the arms in question by the Chief Inspector of Small Arms will be authorized. The practice of testing weapons of any kind in charge of troops is forbidden.

2. Tools and Materials for Repairing and Cleaning.

Tools.

Proportion of tools for repairing arms.

154. The following proportions of tools are supplied by the Army Ordnance Department for the use of the serjeant-instructor in repairing arms (see also Appendix II):—

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Tools—Armourer's.

—	Number per shop for M.L.M. arms.	Number per shop for M.M. & M.E. arms.
Weedon Section.		
Braces, armourer's bits, screw-driver — butt plate screw	1	1
Braces, armourer's bits, screw-driver — stockbolt — M.H.	..	1*
Braces, armourer's bits, screw-driver — stockbolt — M.L.M.	1	..
Braces, armourer's bits, screw-driver — stop-nut, M.H.	..	1
Brushes, wire, M.L.M. rifle	1	1
Corks, clam	2	2
Drifts — fore-end — M.H. — Mark I.	..	1†
Drifts — fore-end — M.L.M. — Mark II.‡	1	..
Drifts — magazine catch-pin, M.L.M.	1	..
Drifts — sight axis-pin, M.L.M.	1	..
Drifts — wire, large	..	1
Drivers, screw—		
Armourer's medium	1	1
Extractor axis, M.L.M.	1	..
Fork dial sight, M.L.M.	1	..
Horses, armourer's (with screws)	2	2
Implements, action — M.H.	..	1
Implements, action — M.L.M. (patt. C)	1	..
Pliers, flat-nose (pairs)	1	1
Plugs, clearing — plain, ·303 arms	1	1
Plugs, clearing — split, M.L.M. rifle	1	1
Pressers, extractor, spring, M.L.M.	1	..
Rods, armourer's cleaning, M.L.M. rifle	1	1
Testers, trigger pull — M.H.	..	1*
Testers, trigger pull — M.L.M.	1	..
Tools, clearing, ·303 arms — bit — corkscrew	1	1
Tools, clearing, ·303 arms — bit — spoon	1	1
Tools, clearing, ·303 arms — rod		1
Tools, removing hand guard, M.L.M.	1	..
Woolwich Section, No. 7.		
Braces, armourer's	1	1
Clams, armourer's vice (pairs)	1	1
Drivers, screw, armourer's small	1	1
Hammers, riveting, 4-oz.	1	1
Vices, standing, 36 lbs.	1	1

155. The armourer-serjeant will take with him such tools as he may be likely to require, in addition to such as he will find in the shops. Tools.

* When the stock of these is used up they will be replaced by the next item.

† For artillery carbine, M.M., Mark II only.

‡ Mark II. for magazine arms except Mark I*.

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Spare Parts for Repair of Rifles and Carbines.

Proportions. **156.** Units of Millitia Artillery and Infantry having a serjeant-instructor, with a certificate from the Chief Inspector of Small Arms, will be granted an annual allowance of spare parts in accordance with the following scale. The proportion will be kept up by an annual demand on the chief ordnance officer of the district (except in the Woolwich district, where the requisition will be sent to the chief ordnance officer, Weedon) for such parts as may have been expended in repair during the previous year :—

—	For each unit † per 1,000 Arms.		
	Rifle, Magazine Lee-Metford, Mark I*.	Rifle, Magazine Lee-Metford, Mk. II.	Carbine Artillery M.M. Mk. II. and Martini-Enfield, Mark I.
Weedon Section.			
Cords, pull-through	1,000	1,000	1,000
Cocking pieces	10	10	..
Gauze wire, pieces	1,000	1,000	1,000
Guards, hand	30	20	..
Links, magazine	..	5	..
Nuts, screw band, upper	15	..	..
Pins, axis block, M.H.	..	..	2
„ extractor, M.H.	..	..	1
„ stop, band, upper	1	..	..
„ stud, barrel (M.M.A.C., Mk. II. only)	..	..	1
„ spring, magazine platform	..	2	..
Platforms, magazine	12	2	..
Screws, band lower	3	3	..
„ „ upper	3	..	..
„ cover, breech bolt	25	..	..
„ head, breech bolt	100	..	..
„ keeper, indicator	..	..	3
„ „ stop nut	..	..	2
„ „ striker	5	5	..
„ plate, butt	5	5	5
„ strap, butt plate	..	2	..
„ spring, sight, aperture	10	10	..
„ swivel, piling..	..	2	2§

† For other establishments a proportionate allowance will be supplied; fractional results in working out the proportion may be taken as whole numbers, and allowance is to be made for any number in possession of the unit.

§ For swivel, band, upper (combined with nose cap), in Carbines, Artillery, M.M., Marks II. and III., and M.E. Mark I.

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—	For each unit † per 1,000 Arms.		
	Rifle, Magazine Lee Metford. Mark I*.	Rifle Magazine Lee Metford. Mk. II.	Carbine Artillery M.M. Mk. II. and Martini Enfield Mark I.
Weedon Section—continued.			
Springs, extractor	20	20	..
„ link, magazine	100	..	..
„ main, M.L.M.	70	70	..
„ main, M.M.	..	..	5
Pull-throughs, double	5‡	5‡	5‡
Springs, platform, magazine..	30	10	..
„ sight, aperture	6	6	..
Strikers, M.L.M.	10	10	..
„ M.M.	..	..	10
Swivels, band, M.H.	..	..	2
„ „ M.L.M. rifle Mk. I*. ..	3	..	..
„ „ „ Mk. II. ..	..	3	..
„ piling..	10	10	..
Wads, stock bolt	15	15	..
Swords, Bayonets, patt. '88 — bolts	6	6	6
Swords, Bayonets, patt. '88 — nuts, bolt	12	12	12
Swords, Bayonets, patt. '88 — springs, bolt, spiral	8	8	8

† See note "†" on previous page.
‡ Per 100 arms.

157. All parts required for the repair of a rifle can be obtained on demand from the chief ordnance officer, either on repayment or otherwise, and commanding officers will be held responsible that no arm is repaired with a spare part other than of Government manufacture. **Demands.**

Materials for Cleaning.

158. The following materials will be supplied for cleaning and oiling arms :— **Materials for cleaning.**

For M.L.M. Rifles and M.M. Carbines.

For every 100 stand of arms:
- While in use.
  - Rifle oil, at the rate of 2 pints per week of the period that the arms are in use.
  - Flannelette, 33 yards
  - Rangoon oil, 1 pint
  - Sheeting old, 4 lbs.
  - (For the whole period.)
- While not in use.
  - Rangoon oil, 1 pint per annum.
  - Flannelette, ½ yard per annum.
  - Sheeting, old, 2 lbs.

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In the case of Milita units whose arms (except those of the permanent staff) are kept in Government stores during the non-training period, the allowance of material for arms "while not in use" will not be drawn. No oil except that supplied by the Army Ordnance Department will be applied to arms under any circumstances.

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One quart of composition, preserving arms, will be allowed annually per 100 stand of arms, for application between stock and barrel by the circuit armourer at his annual inspection.

3. Marking.

Arms marked before issue

159. Arms issued to Militia will be marked by the Army Ordnance Department, in accordance with the Regulations for Army Ordnance Services, before being issued. No further marking will be necessary. The full designation of the unit, and the consecutive numbers to be marked on the arms, should be stated on all requisitions for arms. When arms are issued to replace others, they should receive the consecutive numbers of those replaced.

II.—REPAIRING AND MARKING ACCOUTREMENTS AND RE-STITCHING LEATHER BAYONET SCABBARDS.

Repairs at close of annual training

160. At the termination of the annual training, should any articles of the Woolwich Section be found to require repair, a statement of the articles, showing the nature and extent of the repairs required, and the estimated cost of executing them, will be forwarded to the chief ordnance officer of the district for approval. His authority for the execution of the repairs will be attached as a voucher for the charges, which will be made in the regimental accounts. Should any leather bayonet scabbards require re-stitching, a similar course will be followed.

Marking accoutrements.

161. All accoutrements, except those for mobilization, will be marked by the Army Ordnance Department before issue, with the year of issue, beneath the W.D. and broad arrow of the War Department. When received by the unit, they will be further marked before being taken into use, to correspond with the arms. Articles that have been in use, and are re-issued, will be marked by the Army Ordnance Department—black equipment with the letter 'W" and the month and year of re-issue; buff equipment with the month and year of re-issue only, in red ink. These marks will be carefully and legibly placed on the inside or back part of the belts, pouches, slings, and other articles. Buff accoutrements will be marked with $\frac{1}{4}$-inch (and $\frac{3}{16}$-inch for terminal letters of Infantry) brass or gun-metal stamps on wood, and marking ink. Black or brown accoutrements will be marked with $\frac{1}{4}$-inch steel stamps for wood, care being taken that the leather is not cut but merely indented. Branding the accoutrements is strictly prohibited. The stamps, stencil plates, &c., of the descriptions and in the proportions detailed below, will be supplied by the Army Ordnance Department, provided that none of the articles are already in possession for marking clothing.

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Articles.	Militia Artillery, Engineers and Medical Staff Corps, each unit.	Militia Infantry each unit.	Remarks.
Woolwich Section, No. 25.			
For Black or Brown Accoutrements.	Sets.	Sets.	
Stamps, steel, for wood, ¼-inch — figures, 0 to 8	..	1	For Rifle Corps.
Stamps, steel, for wood, ¼-inch — letters, regimental, initial	..	1	
For Buff Accoutrements.			
Type holders	2	2	Except for Rifle Corps.
Type-blocks, wood	2	2	
Type, brass, or gun-metal, on wood — figures, ¼-inch, battalion numeral letters	..	1	
Type, brass, or gun-metal, on wood — regimental ¼-inch, initial ..	1	1	
Type, brass, or gun-metal, on wood — regimental $\frac{3}{16}$-inch, terminal	..	1	
Stamps, brass, or gun-metal, on wood, ¼-inch, figures, 0 to 8	1	1	
For Valises.			
Brushes, stencil	..	..	2 per Company
Plates, stencil, paper	..	..	

162. The wooden water-bottle of the Italian pattern will be marked on the upper edge with the stamps supplied for marking wood. Water bottles.

163. The canvas inside the outer flap of the valise will be marked in marking ink with the same marks as the other accoutrements by means of the metal stamps supplied. On the outside of the flap the marking will be by stencilling. In the case of infantry the battalion number and county name will he placed as nearly as possible across the centre of the valise thus :— Valises.

5. Warwick.

If initial letters only are used, a space will be left for the central strap, and the battalion number placed to the left of it, and the regimental letters on the right, thus :—

3. S.W.B.

The grenade and bugle used respectively with fusilier and light infantry regiments will be placed to the left of the numeral.

In the case of the Royal Artillery, Royal Engineers, and Medical Staff Corps, the stencilled marking will be as follows :—

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Artillery.

(Initial letters only.)
(*a*) On the outside of the flap.
R.A.
(*b*) On the back of the valise.
Carmn. A. for Carmarthen Artillery, W. Dn. R.A

Royal Engineers.

(Initial letters only.)
(*a*) On the outside of the flap.
R.E.
(*b*) On the back of the valise.
R.M.M. for Royal Monmouthshire Engineers (Militia).
Plym. M.D. for Plymouth Division R.E. (Militia) Submarine Miners.

Medical Staff Corps.

For Hants Company, H.M./ /M.S.C.
For Middlesex Company, Mx.M./ /M.S.C.
For Surrey Company, S.M./ /M.S.C.
For Eastern Counties Company, E.M./ /M.S.C.
For Kent Company, K.M./ /M.S.C.
For Berkshire Company, B.M./ /M.S.C.

White paint of the following composition should be used :—

Lead, white, ground in oil	4 lbs.
Gold size	½ gill
Turpentine	¼ gill

For the outside flap of valises in possession of Rifle Regiments :—
Paint, green, Brunswick, ground in oil, 4 lbs.

The marking with this mixture will dry, in an ordinary store, in about eight hours.

In marking the valise the brush should be used almost dry, with the paint thick. The flap should be laid flat upon a hard, smooth surface, and the paint dabbed in, the brush being held vertically, and on no account worked across the stencil plate. The back of the plate should be kept clear of paint with a turpentine rag, and the face also occasionally wiped with the rag to prevent an accumulation of paint.

III.—MARKING MUSICAL INSTRUMENTS.

Marking musical instruments.

164. The marks on bugles, trumpets, brass side-drums, flutes, and piccolos will be engraved, not stamped. A charge of threepence each will, on the authority of the chief ordnance officer, be admitted in the regimental accounts for marking each bugle, trumpet, and drum, and a charge of a halfpenny per letter or figure for marking flutes and piccolos, which should be engraved on the ivory top. The instruments will be marked with the territorial letters of the unit, and numbered consecutively from 1 upwards.

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IV.—GENERAL INSTRUCTIONS.

165. Materials supplied for the repair and preservation of equipment will be used solely for the purpose for which they are demanded. The purchase of materials by officers commanding units will not be sanctioned by General Officers commanding except in special cases. **Materials to be used for legitimate purposes.**

166. Accoutrements will on no account be cut to fit the men without special authority from the War Office. **Accoutrements not to be cut.**

167. With the exception of articles of personal equipment, no stores issued to units are to receive any indelible unit marks which would render them unfit for re-issue. Should it be found on such articles being returned into store that they have been so defaced, the loss to the public caused thereby will be charged against the unit, the time the articles have been in use being taken into account. **Stores other than personal equipment not to be marked.**

168. Trumpeters and buglers serving on the permanent staff of units are chargeable with the cost of renewing their trumpet and bugle strings when these become unserviceable within a period of six years from the first issue. Drummers of infantry are chargeable with the cost of new drum heads. **Trumpet and bugle strings.**

APPENDIX I.

CRRTIFICATE ON CHANGE OF ACCOUNTANT.

[Referred to in paragraph 45.]

WE CERTIFY, in accordance with paragraph 45, Section XVI, Part 2 of the Equipment Regulations for the Regular Forces and Militia, that on the transfer of the equipment of the *_____

_____

on the †_____

the whole has been verified, and has been found to be properly appropriated, in good condition, and to agree in the quantities and numbers of the several articles actually in possession with those shown in the Regimental Equipment Ledger.‡

_____

Accountant giving over charge.

_____

Accountant taking over charge.

* Here insert the regiment. † Here insert date.

‡ In cases where discrepancies are found to exist between the quantities actually in possession and the equipment ledger, the following words are to be added to the certificate, "*with the exception of the items shown in the accompanying list of discrepancies.*"

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APPENDIX II.

Instructions for the Care, &c., of Martini-Metford, Martini-Enfield, Magazine Lee-Metford, and Magazine Lee-Enfield Arms.

[Referred to in paragraph 152.]

Cleaning.

The oil used should be Rangoon for the actions, and rifle oil for barrels only.

1. All barrels will be wiped out with oiled flannelette daily during the training period, also before firing, and thoroughly cleaned and oiled after firing. When cleaning before return to quarters is not practicable, the bore must under any circumstances be wiped out with oiled flannelette immediately firing is over, and thoroughly cleaned as soon as possible. Too much care cannot be bestowed in keeping the inside perfectly clean and uninjured. In wet weather the arms will invariably be cleaned immediately on return to quarters.

2. The inside of the body, the action, and the bolt of magazine arms should be wiped with an oiled rag to prevent rust and to remove dirt, and then the outside of the body and the barrel should be cleaned.

3. In the case of M.M. and M.E. arms, the inside of the body, as far as practicable, the block and the cartridge chamber, should be wiped with an oiled rag, and the outside of the barrel rubbed.

4. Bores will be cleaned as follows :—Oil the gauze of the pull-through well with rifle oil, drop the weight through the barrel from the breech, and pull the gauze completely through. Then insert in the loop nearest the gauze a piece of dry flannelette, and draw it through the barrel ; the flannelette should never be pulled back when partly through, as it would probably jam. Finally, an oiled piece of flannelette should be drawn through and the bore left oily.

Rifle oil contains a proportion of caustic soda, the alkaline character of which causes it to neutralise any acid which may be in the fouling, and generally to prevent rust. The oil should be well shaken before use.

It may be necessary to use three or four pieces of flannelette before the barrel is "rag clean," *i.e.*, before the material remains unsoiled after use ; but those which are little soiled should be saved for future use.

No larger piece of flannelette than 4 inches by 2 inches should ever be used, and the width may sometimes be reduced with advantage.

When the gauze on the pull-through ceases to fit the barrel tightly, narrow strips of flannelette or paper may be inserted under each side to increase its diameter.

It saves time if two men assist one another, one holding the rifle, the other manipulating the pull-through.

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Water should on no account be used after firing with cordite ammunition.

Although an arm in which rust has been allowed to form may be cleaned so as to be "rag clean," it may be so pitted or rusted that it would not be "view clean," *i.e.*, in a state to be passed by an expert inspector. It is necessary, therefore, that the greatest care should be taken to prevent the formation of rust, which can only be done by strictly carrying out the foregoing instructions.

5. No hard substance, such as emery, sand-paper, &c., is ever to be used for cleaning either the inside or outside of the rifle or carbine, and care is to be taken to prevent the browning being rubbed off the barrel.

6. To prevent water soaking into the stock, and at the same time to give it a polished appearance, it should be well rubbed with oil. French polish or varnish is on no account to be used.

General Instructions.

7. The greatest care must be taken to prevent the barrel being bent or dented, as either would be detrimental to accurate shooting. A rifle or carbine must never be used for carrying weights, or for any other unauthorised purpose. Placing arms forcibly in a rack, or piling them carelessly so that they fall down, will often cause serious damage to the barrel, especially at the muzzle.

8. Care must be taken not to run the muzzle into the ground; should this be accidentally done, the dirt must be at once removed, for if the rifle be fired with any obstruction in the muzzle, the barrel will probably burst.

9. The fore-sight must be carefully protected from being injured; and arms should never be carried with the leaf of the back-sight raised. When in the barrack room the sight protector should invariably be kept on the arm.

10. On no account should a piece of rag be kept in the muzzle, when a rifle or carbine is in the arm rack.

11. A miss-fire is the non-ignition of the charge. The proportion of those which occur from defective caps is so small that most miss-fires are probably due either:—

(*a*) To a defect in the rifle or carbine, which should on all occasions be at once examined and tested as to strength of spring, protrusion of striker, and, in the case of magazine arms, clearance of bolt-head. The cartridge should also be tried in another rifle or carbine.

(*b*) The soldier pressing the cocking-piece with his thumb.

Whenever there is reason to suppose that a miss-fire is due to either (*a*) or (*b*) no report need be made under the Queen's Regulations.

12. Ammunition should be kept perfectly dry. To prevent cartridge cases jamming in extraction they must be kept free from oil, dust, or sand.

13. No militiaman is ever to attempt to take to pieces any portion of the action, or to loosen or tighten any of the screws.

Magazine Arms.

14. *To Remove the Bolt.*—Raise the knob with the right hand as

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far as it will go, draw back the bolt to the resisting shoulder; release the bolt head with the forefinger of the right hand from the retaining spring, and raise it to the full extent; then draw back and remove the bolt.

15. *To Replace the Bolt*—Ascertain that the cocking piece and resisting lug are in a straight line, and that the bolt head is turned over to the left as far it will go. Place the bolt in the body with the extractor upwards; press the bolt till the head is just clear of the resisting shoulder; push the head downwards till it is caught by the retaining spring, close the breech, and press the trigger.

16. *To remove the hand guard.*—Hold the small of the butt between the thighs; place the tips of the forefingers pointing upwards under the front end of the hand guard where rounded off; place the tips of the thumbs on the hinge of the back-sight, and press upwards with the forefingers.

The hand guard should only be taken off by the militiaman for the purpose of removing rust on the barrel, and when this is necessary great care should be taken to prevent breaking or injuring it in any way.

17. *The brass oil bottle* is to be carried in the trap in the butt of magazine arms, the pull-through being packed on the top of the oil bottle, as follows:—

Hold the pull-through (loop end) between the forefinger and thumb of the left hand, so that the end falls about two inches below the third finger, roll it loosely three times round the first three fingers. Slip the coil off the fingers and lap it tightly with the remainder of the cord, leaving sufficient to allow of the weight dropping easily into the recess in the butt. Push the cord into the trap, leaving the loose end uppermost, drop the weight into the recess, and close the trap.

18. The amount of pressure required to release the nose of the sear from the full bent of the cocking-piece is called the "pull off." When it is too heavy or too light, the defect is not to be remedied by the serjeant-instructor or militiaman. The pull-off should be between 6 lbs. and 8 lbs.

19. The mainspring should never be allowed to remain compressed except when the rifle is loaded. The position of the cocking-piece shows when the spring is compressed and when released. In the former case it projects about 1½ inch in the Lee-Metford, and 2 inches in the Lee-Enfield, from the rear of the body; and in the latter about ½ inch in the Lee-Metford and 1½ inch in the Lee-Enfield. The cocking-piece must on no account be let down to the half-bent when the rifle is loaded.

20. Cartridges should not be kept in the magazine of the rifle when the arm is not in use, as, if the spring is kept compressed, it becomes weakened. In charging the magazine care must be taken not to attempt to put in more than the proper number of cartridges, viz., in Lee-Metford Mark I* rifle, 8; in Lee-Metford Mark II, and Lee-Enfield Mark I, 10.

21. The magazine is to be considered as an integral portion of the rifle, and is on no account to be detached, and the rifle is not to be used without it. No attempt should be made to take out

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the platform of the magazine ; nor should the bolt ever be removed except for cleaning purposes.

M.M. and M.E. Arms.

22. *Oiling the Action.*—The action can usually be sufficiently oiled by pouring a few drops of Rangoon oil through the opening between the lever and body, when the end of the lever loop is drawn out of its catch-block, and the carbine held with the trigger guard uppermost.

23. *Easing Springs.*—The breech being open, place the thumb on the thumb-seat, the forefinger on the trigger, and the remaining fingers under the guard, press the trigger firmly without touching the lever, and when the lever is closed, secure it in the catch-block by clasping the bow of the lever and small of the butt with the right hand. Springs must never be eased when a cartridge is in the chamber.

24. *The mainspring* should never be allowed to remain compressed, except when the arm is loaded. The position of the indicator shows when the spring is compressed and when released. In the former case it points to the rear of the block axis pin, in the latter well to the front of it.

APPENDIX III.

DETAILS OF EQUIPMENT—MILITIA ARTILLERY.

[Referred to in Paragraph 69.]

I.—ARMS.

Articles.	Proportions.
Weedon Section.	
SMALL ARMS.	
Carbines, M.M. or M.E., Artillery ..	Serjeants, and rank and file.
Pull-throughs, ...	1 per carbine.
Pull-throughs, double	5 per 100 carbines (with two spare gauzes to each).
Reflectors, mirror, ·303″ (for examining interior of barrels)	1 per company.
Rods, clearing*	1 per carbine.
Sword, bayonets (with scabbards), M.H. carbine, Mark I.	1 per trumpeter.
Sword bayonets, pattern '88 (with scabbards)	1 per carbine.
Swords, staff-serjeants, artillery (with scabbards)	1 for each warrant officer and staff-serjeant.

NOTE.—D.P. Arms will be supplied when required for training supernumeraries enlisted under paragraph 132, Regulations for the Militia.

* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept in regimental charge.

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II.—ACCOUTREMENTS AND HANDCUFFS.

Articles.	Proportions.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
*Belts, { pouch, buff, G.S. / waist, buff, Warrant Officers, Artillery. }	For all warrant officers and staff-serjeants not wearing V.E.
Bottles, water, Italian, without spring clip	All ranks, non-commissioned officers and men.
Bottles, zinc, oil	1 per carbine.
Carriage, water-bottle, Italian ..	1 per water-bottle.
Frogs, buff, bayonet, G.S.	1 per sword bayonet.
Handcuffs, common	1 pair per company.
Knots, sword, buff, G.S.	1 per sword.
Pouches, writing materials, Artillery	1 for each warrant officer and staff-serjeant not wearing V.E.
Slings, carbine, buff, artillery.. ..	1 per carbine.
VALISE EQUIPMENT, PATTERN 1882, BUFF.	
Belts, buff, waist, G.S..	1 per N.C.O. and man (except staff-serjeants, and including trumpeters).
Braces, { Serjeants and rank and file { left / right } }	1 of each per valise.
Chapes, waistbelt	2 per valise for ranks not wearing pouches, and 1 per serjeant and rank and file wearing pouches.
Pouches, ammunition..	1 per serjeant and rank and file armed with carbines.
Straps, { greatcoat and mess-tin .. / supporting and mess-tin .. }	2 per man. / 2 per valise..
Valises, japanned	1 per N.C.O. and man except staff-serjeants.

* White enamelled belts will continue in use until worn out.

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III.—STORES, &c., FOR DRILL AND INSTRUCTION.

Articles.	Proportion for each drill station. 1 to 4 companies.	5 to 7 companies.	8 or more companies.	Remarks.
Woolwich Section, No. 2.				
CAMP EQUIPMENT.				
Mauls, iron-hooped	2	4	6	
Tent mallets	2	4	6	
Woolwich Section, No. 5.				
HARNESS AND SADDLERY.				
Brushes, water, carriage	1	2	3	
Woolwich Section, No. 7.				
TOOLS, ARTIFICERS' AND LABOURERS'.				
Spikes, marline iron, 12-in....	6	12	18	
Woolwich Section, No. 13.				
FIELD ARTILLERY CARRIAGES, ETC.				
Lithographs, coloured, small, R.L. — of all fuzes, both sections, and complete	1	2	3	
Lithographs, coloured, small, R.L. — Fuzes, time, common	1	2	3	For stations where S.B. ordnance is mounted.
Lithographs, coloured, small, R.L. — Fuzes, time, diaphragm shrapnel ...	1	2	3	
Lithographs, coloured, small, R.L. — shells, R.B.L. 40-pr. common	1	2	3	Only allowed where units are in possession of R.B.L, ordnance.
Lithographs, coloured, small, R.L. — shells, R.B.L. 40-pr. segment	1	2	3	
Lithographs, coloured, small, R.L. — shells, R M.L. 64-pr. common	1	2	3	
Lithographs, coloured, small, R.L. — shells, R M.L. 64-pr. shrapnel	1	2	3	
Woolwich Section, No. 14.				
GARRISON AND SIEGE MOUNTINGS.				
Buckets, sponge, garrison	1	2	3	
Handspikes, common 7-ft....	3	6	9	
Handspikes, common 6-ft....	10	20	30	
Levers, 12-ft.	1	2	3	Present supply of 10-ft. levers to be used up.
Woolwich Section, No. 16.				
R.B.L. ORDNANCE SIGHTS, FITTINGS, ETC.				
Ordnance, R.B.L., pieces, vent, drill, 40-pr.	...	...	...	One for each 40-pr. R.B.L. gun used for drill, in place of the Service vent-piece.
Rifle, aiming, Ewart's, complete with tube, aiming, M.-H., rifle	...	...	...	As authorised.
Woolwich Section, No. 18.				
BLOCKS, CANVAS, CORDAGE, ETC.				
Cordage, tarred, spun-yarn, hemp, 3-thread... ... ... lb.	1	2	3	
Cordage, old ... ... fms.	6	12	18	For splicing.
Lashings, tarred, 2½-in., 5 fathoms ...	4	4	4	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
Lashings, tarred, 1½-in., 18 feet	14	28	42	

N.B.—The stores shown in this list are not required by the Devon Artillery and Cornwall and Devon Miners Artillery, whose requirements will be met by stores on charge at the School of Instruction, Western District.

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STORES, &c., FOR DRILL AND INSTRUCTION—continued.

Articles.	Proportion for each drill station. 1 to 4 companies.	5 to 7 companies.	8 or more companies.	Remarks.
Woolwich Section, No. 18—continued.				
Ropes { drag, heavy ... ... pairs	1	2	3	
Ropes { parbuckling, 18 fathoms, 4 in. ...	2	6	4	
Selvagees, ordinary	4	6	8	
	2	2	2	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
Tackles, luff, 14 fathoms, sets*† ...	2	4	6	
	2	2	2	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
,, whip upon whip	4	6	8	For running back garrison common carriages at drill.
Twine, whipping ... ... lbs.	1	2	3	
Woolwich Section, No. 19.				
HALF-WROUGHT STORES, ETC.				
Blocks, dismounting, siege	1	2	3	
Planks, moving guns { half { 6-ft. × 12-in. ...	2	4	6	
Planks, moving guns { half { 4-ft. × 12-in. ..	2	4	6	
Planks, moving guns { whole, 16-ft. × 17-in. fir	4	8	12	
Rollers, ground ... { 6-ft. × 10-in. diam. ...	3	6	9	
Rollers, ground ... { 3-ft. × 6-in. diam. ...	3	6	9	
	1	1	1	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
Rollers, ground ... { 2-ft. × 5-in. diam. ...	2	4	6	Present store of 20-in. to be used up.
Rollers, ground ... { 14-in. × 5-in diam. ..	2	4	6	
Scotches, of sorts	20	40	60	
	8	8	8	Allowed in addition where guns on traversing slides are on charge.
	12	12	12	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
Skids { 5-ft. × 6-in. × 5-in.	2	4	6	
Skids { 4 ft. × 12-in. square	2	4	6	
Skids { 3-ft. × 9-in. × 6-in. ...	4	8	12	
	1	1	1	Allowed in addition where 40-pr. R.B.L. guns on travelling carriages are on charge.
Skids { 3-ft. × 6-in. square... ...	4	8	12	
	2	2	2	Allowed in addition where guns on traversing slides are on charge.
Skids { 3-ft. × 6-in. × 3-in.	2	4	6	
	2	2	2	Allowed in addition where guns on traversing slides are on charge.
Skids { 3-ft. × 4-in. square... ...	4	8	12	
	1	1	1	Allowed in addition where guns on traversing slides are on charge.

* Bothway blocks should be used for all tackles other than those used for running back.

† Where there is a less number of guns than the number of tackles allowed in each group respectively, only one tackle per gun should be demanded.

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STORES, &c., FOR DRILL AND INSTRUCTION—*continued.*

Articles.	Proportion for each drill station. 1 to 4 companies.	5 to 7 companies.	8 or more companies.	Remarks.
Woolwich Section, No. 19—continued.				
HALF-WROUGHT STORES, &c.—*continued.*				
Skids { dismounting 20 ft. × 9-in. square	2	2	2	
Skids { ,, 14-ft. × 8-in. ,,	2	4	6	Only allowed where guns on traversing slides are on charge.
Skids { ,, 14-ft. × 5½-in. ,,	2	2	2	Only allowed where units are in possession of 40-pr. R.B.L. guns on travelling carriages.
Woolwich Section, No, 20.				
Cartridges, drill	...	...	...	One for each gun used for drill
Woolwich Section, No. 22.				
FUZES, ROCKETS, TUBES, ETC.				
Fuzes { (unserviceable), time, wood	10	10	10	Annually per company for instruction in boring.
Fuzes { Sections { percussion { direct action, B.F., No. 3.	1	2	3	
Fuzes { Sections { percussion { R.L. { B.F., No. 7...	1	2	3	
Fuzes { Sections { percussion { R.L. { A.F., No. 7...	1	2	3	
Fuzes { Sections { time { sensitive { B.F., No. 24	1	2	3	
Fuzes { Sections { time { sensitive Middle { A.F., No. 24	1	2	3	
Fuzes { Sections { time { 15 secs., M.L., No 41 ...	1	2	3	
Fuzes { Sections { time { 15 secs., with detonators, No. 43	1	2	3	
Tubes, friction, drill	...	...	...	One for each gun used for drill.
Woolwich Section, No. 24.				
PROJECTILES, ETC.				
Plugs, fuze hole, drill...	...	...	...	One for each M.L. gun used for drill, common or G.S., as required.
Shells, drill *	...	...	...	One for each gun used for drill. S.B. shells will have bottoms attached.
Shells, filled section { R.B.L. 20 pr. (or 12-pr.) segment.	1	2	3	
Shells, filled section { R.M.L. 16-pr. (or 7 pr.) shrapnel.	1	2	3	
Woolwich Section, No. 29.				
RANGE-FINDING STORES.				
Indicators, range	...	...	...	1 per corps. To be provided locally.

* At stations where there are no 64-pr. R.M.L. guns, a 64-pr R.M.L. common shell with the studs removed, will be allowed for each 32-pr. S.B. gun used for gun drill.

IV.—MUSICAL INSTRUMENTS.

Articles.	Proportions.
Woolwich Section, No. 1.	
MUSICAL INSTRUMENTS.	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, royal	1 per bugle or trumpet.
Trumpets	1 per trumpeter.

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V.—DEPRESSION RANGE FINDERS.*

List of Militia Artillery Units for which Depression Range Finders are allowed for instructional purposes.

District and Corps.	Description of Instrument.						Remarks.
	Mark I.	Mark IA.	Mark IB.	Mark IC.	Mark ID.	Special.	
Southern.							
Hants and Isle of Wight Artillery	...	...	1	...	...	...	
Western.							
Devon Artillery	...	...	1	...	...	...	
Cornwall and Devon Miners' Artillery ...	1	...	...	...	...	...	
Glamorgan Artillery ...	...	...	...	...	1	...	
Carmarthen Artillery ...	1	...	...	...	...	...	
Pembroke Artillery ...	...	1	...	...	...	...	
Cardigan Artillery ...	...	1	...	...	...	...	
South Eastern.							
Kent Artillery	...	...	1	...	...	...	
Sussex Artillery	...	...	...	...	1	...	
Eastern.							
Norfolk Artillery ...	...	...	...	...	1	...	
Suffolk Artillery... ...	...	...	...	...	1	...	
North Eastern.							
Durham Artillery ...	...	1	...	...	...	...	
Northumberland Artillery	...	1	...	...	...	...	
Yorkshire Artillery ..	...	...	...	1	...	...	
North Western.							
Lancashire Artillery ...	...	...	...	...	1	...	
Scottish.							
West of Scotland Artillery	...	...	...	...	1	...	
Edinburgh Artillery ...	...	...	...	...	1	...	
Fife Artillery	...	...	...	...	1	...	
Forfar and Kincardine Artillery	...	...	...	...	1	...	
South East of Scotland Artillery	...	1	...	...	...	...	
Ireland—Cork.							
Clare Artillery	...	...	1	...	...	...	
Waterford Artillery ...	...	...	1	...	...	...	
Cork Artillery	...	...	1	...	...	...	
Limerick City Artillery...	...	...	1	...	...	...	
Tipperary Artillery ...	...	...	1	...	...	...	
Belfast.							
Antrim Artillery... ...	...	1	...	...	...	...	
Donegal Artillery ...	...	...	1	...	...	...	
Mid-Ulster Artillery ...	...	...	...	1	...	...	
Londonderry Artillery ...	...	...	...	...	1	...	
Dublin.							
Wicklow Artillery ...	...	...	...	...	1*	...	* Also for the use of Dublin City Artillery.
Sligo Artillery	...	...	...	...	1	...	
Dublin City Artillery ...	...	...	...	...	*	...	
Channel Islands.							
Jersey Artillery... ...	1	...	...	...	...	...	

* A pillar with base plate and cover, will be allowed for use with the range finder, except when the pillar at an armament work is used.

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APPENDIX IV.

DETAILS OF EQUIPMENT—MILITIA ENGINEERS.

[Referred to in Paragraph 69.]

N.B.—Arms and accoutrements will be held on charge by officers commanding Militia Engineer Divisions for the authorised number of reservists.

I.—ARMS.

Articles.	Proportions.
Weedon Section.	
SMALL ARMS.	
Rifles, M.L.M.	Serjeants, and rank and file (except band).
Sword bayonets, pattern 1888 (with scabbards)	1 per rifle.
Bottles, oil, M.L.M. rifle	1 per rifle.
Protectors, front-sight, M.L.M. rifle	1 per rifle.
Pull-throughs {	1 per rifle
Pull-throughs { double	5 per 100 rifles (with two spare gauzes to each).
Reflectors, mirror, ·303″	1 per company.
Rods, clearing*	1 per rifle.
Tubes, aiming { M.-H. rifle	2 per company.
Tubes, aiming { Brushes, cleaning	2 per company.
Tubes, aiming { Keys, M.H.	2 per company.
Tubes, aiming { Rods, cleaning, rifle ..	2 per company.
Tubes, aiming { Sights, fore, false, M.-H. rifle	2 per company.
M.-H. rifles, M.T.	2 per company for aiming tubes.
Swords (with scabbards), staff serjeants, Engineers	1 for each warrant officer and staff-serjeant.
Swords (with scabbards), drummers	Buglers and band.

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* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept on regimental charge.

NOTE.—D.P. arms will be supplied when required for training supernumeraries enlisted under paragraph 132 Regulations for the Militia.

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II.—ACCOUTREMENTS AND HANDCUFFS.

Band appointments are only allowed to units the establishment of which amounts to 500 rank and file, including band and pioneers.

Articles.	Proportions.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
*Belts, pouch, buff, G.S.	For all warrant officers and staff-serjeants not wearing V.E.
*Belts, waist, buff, W.O., Artillery ..	
Bottles, water, Italian, without spring clip	All non-commissioned officers and men.
Carriages, water-bottle, Italian, buff..	1 per water-bottle.
Frogs, buff, bayonet, G.S.	1 per drummer's sword and 1 per sword bayonet.
Handcuffs, common	1 pair per company.
Knots, sword, buff, G.S.	1 per staff-serjeant's sword.
Pouches, writing materials, Engineers	For all warrant officers and staff-serjeants not wearing V.E.
Slings, rifle, buff	1 per rifle.
Whistles, infantry	1 per serjeant.
Valise Equipment, Pattern 1882, Buff—	
Belts, waist, G.S...	Serjeants and rank and file (including buglers and band).
Braces, serjeants and rank and file .. left ..	1 of each per valise.
Braces, serjeants and rank and file .. right ..	
Chapes, brace, buff	2 per valise for ranks not wearing pouches.
Pouches, ammunition	2 per serjeant and rank and file.
Straps greatcoat and mess-tin	2 per man.
Straps supporting and mess-tin	2 per valise.
Valises, japanned..	1 per N.C.O. and man, except staff-serjeants.

* White enamelled belts will continue in use until worn out.

III.—MUSICAL INSTRUMENTS.

Woolwich Section, No. 1.	
MUSICAL INSTRUMENTS.	
Bugles	1 per bugler.
Strings, bugle and trumpet royal	

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IV.—STORES FOR INSTRUCTION (FORTRESS Co.)

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 1.			
A.—ACCOUTREMENTS.			
Caps, knee, Royal Engineers .. pairs	16	4	4 for Royal Anglesey Militia Engineers.
Woolwich Section, No. 2.			
A.—CAMP EQUIPMENT.			
Axes, felling, curved helves ..	4	1	
Axes, hand, 2 lbs...	16	4	
Colours, camp..	12	2	
Hooks, bill	48	12	
Kettles, camp, oval, 12 quarts ..	2	..	
Mauls, G.S.	4	1	
Posts, picket 5 feet	16	2	
Posts, picket 2½ ,, ...	8	..	
C.—TOOLS, &c., FOR INTRENCHING.			
Axes, pick heads, 6½ lbs. ..	200	50	
Axes, pick heads, 5 ,, ..	12	3	
Axes, pick helves, 34½ ins. ..	233	58	
Bags, sand, common	1,000	250	
Barrows, hand, single	2	..	
Barrows, wheel, intrenching with wheels ..	6	1	16 for Royal Monmouthshire Militia Engineers.
Barrows, wheel, intrenching wrenches	1	..	
Bars, crow, 6 feet	2	..	
Bars, crow, 4 feet 6 ins.	4	1	
Chokers, fascine, ... pairs	10	2	5 for Royal Anglesey Militia Engineers.
Gabions, Jones's, ...	100	25	
Gabions, Jones's, pickets .. sets	100	25	
Knives, gabion	60	15	
Lines, tracing	16	4	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 2.—cont.			
C.—TOOLS, &c., FOR INTRENCHING—continued.			
Mallets, fascine	30	6	15 for Royal Anglesey Militia Engineers.
Models, bags, sand	2,000	..	500 for Royal Anglesey Militia Engineers.
Models, boards, knots, 2′ 8″ × 4′ 9″	1	..	For Royal Monmouthshire Militia Engineers.
Models, fascines	150	..	40 For Royal Anglesey Militia Engineers.
Models, gabions, brushwood ..	300	..	100 For Royal Anglesey Militia Engineers.
Models, magazines, rectangular ..	2	..	For Royal Monmouth Militia Engineers only.
Models, pins, iron, large ..	20	..	For Royal Monmouth Militia Engineers only.
Models, pins, iron, small ..	300	..	For Royal Monmouth Militia Engineers only.
Models, rods	24	..	6 for Royal Anglesey Militia Engineers.
Models, timber, spars, bridging, 8′ 9″ × 2½″ butt..	4	..	
Models, timber, spars, bridging, 7′ 6″ × 2½″ ,, ..	10	..	
Models, timber, spars, bridging, 6′ 3″ × 2″ ,, ..	2	..	
Models, timber, spars, bridging, 5′ 6″ × 1½″ ,, ..	8	..	
Models, timber, spars, bridging, 5′ 0″ × 1¼″ ,, ..	35	..	
Models, timber, spars, bridging, 3′ 9″ × 2½″ ,, ..	5	..	
Models, timber, spars, bridging, 3′ 9″ × 1¾″ ,, ..	12	..	
Models, timber, splinter-proof ..	100	..	For Royal Monmouth Militia Engineers only.
Pickets, fascine, ... pairs	18	..	10 for Royal Anglesey Militia Engineers.
Rammers, earth	12	..	
Shovels, miners', short	12	3	4 for Royal Anglesey Militia Engineers.
Shovels, universal	200	50	
Spades, N.P.	12	3	
Tapes, tracing	32	8	
Wire, iron, galvanized, No. 12, S.W.G., 2-strand, barbed, ... cwt.	2	..	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 2—cont.			
D.—MINERS' TOOLS AND STORES.			
Bars, tamping, 1½-inch hole { 4 feet	1	..	For Royal Anglesey Militia Engineers only.
Bars, tamping, 1½-inch hole { ends	1	..	
Blowers, rotary	1	..	
Buckets, miners'	2	..	
Candlesticks, miners'..	2	..	
Cases, mining, shaft	25	..	
Frames, mining, shaft	10	..	
Hammers, miners' { boring, 7 lb. ..	1	..	
Hammers, miners' { loading, 4 lb. ..	1	..	
Ladders, rope, miners' 20 feet ..	2	..	
Lamps, miners'	6	..	
Picks, push	3	..	
Scoops and scrapers, 1½-inch hole, 4 feet	2	..	
Trucks, miners'	2	..	
Tubes, ventilating, 3 feet long ..	100	..	
Woolwich Section, No. 4.			
CARTS AND WAGONS.			
Carts, hand, common..	1	1	
Casks, water, 108 gallons*	28	..	
Woolwich Section, No. 7.			
TOOLS, ARTIFICERS' AND LABOURERS'.			
Chests, tool, filled, No. 11c	1	..	For Royal Anglesey Militia Engineers only.
Anvils, 1¼ cwt.	1	..	

* Thrice this quantity allowed for Royal Monmouthshire Militia Engineers.

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 7—cont.			
TOOLS, ARTIFICERS' AND LABOURERS'—continued.			
Augers, screw, bull-nosed, 2 inches	2	..	
Augers, screw, bull-nosed, 1½ "	1	..	
Augers, screw, common, ½ inch	2	..	
Augers, handles, 18½ inches ..	3	..	
Augers, handles, 12 " ..	2	..	For Royal Anglesey Militia Engineers only.
Blocks, anvil, 1¼ cwt.	1	..	For Royal Anglesey Militia Engineers only.
Braces, carpenters', with 24 bits ..	1	..	
Cases, auger	3	..	
Chalk, prepared, white, .. boxes	4	..	
Chisels, brick, 18-inch	4	..	
Chisels, firmer, 2-inch	4	..	
Chisels, mortice, ½-inch	3	..	
Dogs, sawyers', cross, 15-inch	40	..	
Dogs, sawyers', straight, 15-inch ..	40	..	
Files, saw, 3-square, cross-cut, 8-inch.. ..	1	..	
Files, saw, 3-square, hand, 6-inch	2	..	For Royal Anglesey Militia Engineers only.
Files, saw, 3-square, hand, 5-inch	2	..	For Royal Monmouthshire Militia Engineers only.
Files, saw, 3-square, sash, or dovetail, 3-inch..	1	..	For Royal Monmouthshire Militia Engineers only.
Files, saw, 3-square, tenon, 4-inch	1	..	For Royal Monmouthshire Militia Engineers only.
Forges, double-bellows	1	..	
Gimlets, common, of sizes	6	..	
Grindstones, F.S. 18-inch	1	..	
Grindstones, F.S. 10-inch	1	..	
Hammers, claw, 20-oz.	8	..	
Hammers, masons, mash	4	..	For Royal Monmouthshire Militia Engineers only.
Hammers, handles, 30 inches ..	2	..	For Royal Anglesey Militia Engineers only.
Hammers, handles, 17 " ..	2	..	For Royal Anglesey Militia Engineers only.
Levels, F.S., 4 feet	8	..	4 for Royal Anglesey Militia Engineers.
Mallets, carpenters'	4	..	
Planes, jack, double-iron	1	..	
Planes, plough	1	..	
Planes, trying	1	..	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 7—cont.			
TOOLS, ARTIFICERS' AND LABOURERS' —continued.			
Pliers, side-cutting, 7-inch .. pairs	4	..	A total of 5 allowed for Royal Anglesey Militia Engineers.
Pots, glue, 1 pint	1	..	
Saws, cross-cut, blades	1	..	
Saws, cross-cut, handles ..	2	..	
Saws, dovetail, iron	1	..	
Saws, hand, 26-inch	4	1	
Saws, keyhole	1	..	
Saws, pit, blades, 7 feet ..	1	..	
Saws, pit, boxes	1	..	
Saws, pit, tillers	1	..	
Saws, pit, handles	1	..	
Saws, tenon, 19-inch	1	..	
Sets, saw, hand	1	..	
Sets, saw, pit ,, ...	1	..	
Shaves, spoke, 3-inch..	1	..	
Square, carpenters', 9-inch	1	..	
Trowels, modelling	60	..	15 only for Royal Anglesey Militia Engineers.
Vices, standing, 36-lb.	1	..	For Royal Anglesey Militia Engineers only.
Wire, iron, No. 14, W.G. soft lbs.	300	100	
Wire, iron, ,, 21, ,, ,, ,,	20	5	
Woolwich Section, No. 9.			
METALS.			
Iron, wrought, I.C., No. 1 bars, flat, ¾″ × ½″.. cwts.	2	..	For Royal Anglesey Militia Engineers only.
Iron, wrought, I.C., No. 1 bars, round, ⅝-inch ,,	5	..	
Iron, wrought, I.C., No. 1 bars, round, ½-inch ,,	1	..	
Steel, cast, octagonal, 1¼-inch ,,	5	..	
Woolwich Section, No. 10.			
A.—IRONMONGERY, ETC.			
Nails, iron, spike, No. 184 lbs.	56	..	
Nails, steel, clasp, cut, No. 63 ,,	14	..	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 10—cont.			
C.—ANCHORING AND LIFTING APPARATUS.			
Anchors, boat, 1-cwt...	4	..	12 for Royal Monmouthshire Militia Engineers.
Woolwich Section, No. 11.			
A.—OIL, PAINT, AND CHEMICALS, ETC.			
Glue, best town made .. lbs.	4	..	
Woolwich Section, No. 12.			
TIMBER.			
Sheeting, miners' .. .. pieces	25	..	For Royal Anglesey Militia Engineers only.
Timber: planks, bridging, service. 10′ × 12″ × 1½″	100	..	200 for Royal Anglesey Militia Engineers.
Timber: planks, flooring, 10′ × 9″ × 1½″	50	25	
Timber: spars, bridging, service, 35′ × 10″ at butt ..	4	..	
Timber: spars, bridging, service, 30′ × 12″ ,, ..	10	..	
Timber: spars, bridging, service, 30′ × 6″ ,, ..	2	..	
Timber: spars, bridging, service, 22′ × 9″ to 10″ at butt	8	..	
Timber: spars, bridging, service, 20′ × 6″ at butt ..	15	..	
Timber: spars, bridging, service, 20′ × 4″ mean ..	12	..	
Timber: spars, bridging, service, 20′ × 3″ ,, ..	8	..	
Timber: spars, bridging, service, 16′ × 6″ at butt ..	8	..	
Timber: spars, bridging, service, 15′ × 10″ ,, ..	5	..	
Timber: spars, bridging, service, 15′ × 6″ ,, ..	4	..	
Timber: spars, sheers, and derricks, 50 feet lengths, 13 to 15 inches diameter.	2	..	For Royal Anglesey Militia Engineers only.
Timber: spars, 7 to 9 inches diameter, in 12 to 22 feet lengths feet run	300	..	For Royal Monmouthshire Militia Engineers only.

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No 14.			
GARRISON AND SIEGE ARTILLERY MOUNTINGS.			
Capstan crab, windlasses	1	..	
Handspikes, common, 6-ft.	8	2	4 for Royal Anglesey Militia Engineers.
Magazines, portable, with bearers ..	1	..	
Plates, pivot, double-decked, platform	2	..	
Platforms, siege, double-decked ..	2	..	
Woolwich Section, No. 18.			
A.—BLOCKS, CANVAS, CORDAGE, &c.			
Bailers, boat	3	..	1 only allowed for Royal Anglesey Militia Engineers.
Blocks, wood, Bothway — single, 10-in. ..	2	..	For Royal Anglesey Militia Engineers only.
Blocks, wood, Bothway — double, 10-in. ..	2	..	
Blocks, wood, Bothway — treble, 10-in. ..	2	..	
Blocks, wood — rope-strapped, wood sheaves — single, 9-in. ..	2	..	For Royal Monmouthshire Militia Engineers only.
Blocks, wood — rope-strapped, wood sheaves — double, 9-in. ..	2	..	
Blocks, wood — rope-strapped, wood sheaves — treble, 9-in. ..	2	..	
Blocks, wood — snatch, 8-in.	4	..	
Buoys, life	3	..	1 only allowed for Royal Anglesey Militia Engineers.
Cordage — hawser, 3 strand — tarred — 3-in. fathoms	113	..	226 for Royal Anglesey Militia Engineers.
Cordage — hawser, 3 strand — tarred — 2-in. ,,	226	..	
Cordage — hawser, 3 strand — tarred — 1½-in. ,,	113	..	
Cordage — hawser, 3 strand — tarred — 1-in. ,,	113	..	
Cordage — hawser, 3 strand — white — 1-in. ,, / ¾-in. ,,	226	..	For Royal Monmouthshire Militia Engineers only.
Cordage — spun yarn, hemp, 3-thread, tarred .. .. .. cwts.	2	½	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 18—cont.			
A.—BLOCKS, CANVAS, CORDAGE, &c. —continued.			
Hooks, boat { iron, large	4	2	2 only for Royal Anglesey Militia Engineers.
Hooks, boat { staves, 16-ft.	4	2	2 only for Royal Anglesey Militia Engineers.
Lines. Hambro	6	3	
Oars, ash, unleathered { 16-ft.	18	..	For Royal Monmouthshire Militia Engineers only.
Oars, ash, unleathered { 14-ft.	26	..	For Royal Monmouthshire Militia Engineers only.
Oars, ash, unleathered { 13-ft.	6	..	16 for Royal Anglesey Militia Engineers.
Ropes, galvanized steel wire, 3-in. (with eye-splice at one end), 40 to 50 fathoms each	4	..	For Royal Monmouthshire Militia Engineers only.
Twine, whipping .. .. lbs.	20	..	10 for Royal Anglesey Militia Engineers.
Woolwich Section, No. 19.			
HALF-WROUGHT STORES.			
Brushwood { fascines .. bundles; gabions .. "	400	100	300 for Royal Anglesey Militia Engineers.
Woolwich Section, No. 20.			
EMPTY CARTRIDGES, &c.			
Apparatus, cutting wet guncotton, R.E. equipment	2	..	1 only allowed for Royal Anglesey Militia Engineers.

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Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 21.			
FILLED CARTRIDGES, &c.			
Cordite, size 5/12 .. .. lbs.	2	..	For Royal Monmouthshire Militia Engineers only.
Guncotton, dry, primers — F .. .. "	2	..	For Royal Anglesey Militia Engineers only.
Guncotton, dry, primers — H .. .. "	10	..	
Guncotton, wet slabs, P .. "	28	..	
Gunpowder, L.G. .. .. "	100	..	150 lbs. for Royal Anglesey Militia Engineers.
Woolwich Section, No. 22.			
FUZES, ROCKETS, TUBES, &c.			
Detonators — electric, No. 13 ..	50	..	25 only for Royal Anglesey Militia Engineers.
Detonators — No. 8	150	..	50 only for Royal Monmouthshire Militia Engineers.
Detonators — electric, No. 18 ..	10	..	For Royal Anglesey Militia Engineers only.
Fuzes, instantaneous .. yards	50	..	
Fuzes, safety, No. 9 fathoms.	50	..	
Fuzes, electric, No. 14	25	..	
Match, slow .. .. .. lbs.	4	1	1 only for Royal Anglesey Militia Engineers.
Matches, Vesuvian .. .. boxes.	10	..	5 only for Royal Anglesey Militia Engineers.
Portfires, common	4	1	1 only for Royal Anglesey Militia Engineers.

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 25.			
BARRACK AND HOSPITAL STORES. (PART I.)			
Boards, black, musketry instruction	4	..	
Brushes, paint, unground, 0.. ..	1	..	
Compasses, chalk	4	..	
Pointers, 6-ft..	4	..	
Woolwich Section, No. 26.			
BARRACK AND HOSPITAL STORES. (PART II.)			
Stones, rub, scythe	2	..	
Woolwich Section, No. 27.			
B.—TEXTILE STORES.			
Cotton, waste, coloured .. lbs.	1	..	
Gloves, hedging .. .. pairs..	4	..	For Royal Anglesey Militia Engineers only.
Leathers, chamois	1	..	For Royal Anglesey Militia Engineers only.
Woolwich Section, No. 28.			
A.—SUBMARINE MINING STORES.			
Bags, gun-cotton, 25 lbs. ..	1	..	
Bags, gun-cotton, clamps ..	1	..	
Coils, resistance, 100 ohms	1	..	
Exploder, dynamo, electric, quantity	1	..	
C.—STORES FOR LAND CABLES.			
Solution, India-rubber, ½-lb. tins.. .. lbs.	½	..	
Solution, India-rubber, ¼-lb. copper cylinders ,,	¼	..	Two ¼-lb. cylinders for Royal Monmouthshire Militia Engineers.
Tape, Indiarubber .. .. ,,	1	..	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 28—cont.			
F.—PONTOON STORES.			
Pontoons: buoys	4	2	
Pontoons: cables	4	2	
Pontoons: lashings: oar	4	2	16 only allowed for Royal Anglesey Militia Engineers.
Pontoons: lashings: transom, 16-ft. ..	32	16	
Pontoons: lines, breast, 60-ft.	12	6	8 only allowed for Royal Anglesey Militia Engineers.
Pontoons: sticks, racks	74	..	122 for Royal Monmouthshire Militia Engineers.
Pontoon, barrel pier: baulks: Mark I ..	75	..	21 only allowed for Royal Anglesey Militia Engineers.
Pontoon, barrel pier: baulks: Mark II ..	6	3	
Pontoon, barrel pier: braces	48	..	
Pontoon, barrel pier: gunwales, 21′ × 5″ × 4″ ..	8	..	
Pontoon, barrel pier: outriggers, Mark II ..	8	..	4 only for Royal Anglesey Militia Engineers.
Pontoon, barrel pier: slings	8	4	
Pontoon, barrel pier: ways, launching .. pair	1	..	
Woolwich Section, No. 29.			
A.—TELEGRAPH AND SURVEY APPARATUS, &c.			
Batteries, Le Clanché, testing, six cells	1	..	
Boxes, testing and jointing	1	..	
Compasses, drawing, pencil leg ..	4	..	
Drums, cable, No. 1	1	..	For Royal Anglesey Militia Engineers only.
Galvanometers, detector, common ..	1	..	
,, ,, cases ..	1	..	

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 29—cont.			
A.—TELEGRAPH AND SURVEY APPARATUS, &c.—continued.			
Rods, boning, common .. sets	4	1	2 only allowed for Royal Anglesey Militia Engineers.
Rods, boning, movable vanes ..	2		
Rods, measuring, common, 6 feet..	16	2	A total of 32 allowed for Royal Monmouthshire Militia Engineers.
Rulers, flat, ebony, 2 feet	4	..	
Tapes, measuring, 100 feet	2	..	
Tapes, measuring, 50 ,, ...	4	..	
Wires, covered, B 2 .. .. .. yards	200	..	For Royal Monmouthshire Militia Engineers only.
Wires, covered, C 8 .. .. .. miles	⅓	..	¼ mile for Royal Monmouthshire Militia Engineers.
Wires, uncovered, Z 13 .. yards	10	..	50 for Royal Monmouthshire Militia Engineers.
Woolwich Section, No. 30.			
PACKAGES, &c.			
Cases, wood, packing..	5	..	
NOT IN VOCABULARY.			
Blocks, wood, model of, 8 inches, single	4	..	For Royal Monmouthshire Militia Engineers only.
Boats, cutters, 30 feet, complete ..	2	..	1 only allowed for Royal Anglesey Militia Engineers.
Boats, wherry or gig, 30 feet, complete	1	..	
Coal, smiths', ... tons	½	..	For Royal Anglesey Militia Engineers only.

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STORES FOR INSTRUCTION (FORTRESS)—continued.

Articles.	Establishment for 2 to 4 companies.	Additional for every company above 4.	Remarks.
Woolwich Section, No. 30—cont.			
NOT IN VOCABULARY.—continued.			
Dynamite .. .. .. lbs.	10	..	For Royal Monmouthshire Militia Engineers only.
Dynamometer, to register 5 tons ..	1	..	
Falls, 2-in., 20 fathoms	4	..	
Guys, 2-in., 20 ,, ...	16	..	
Lashings { 2-in., 8 fathoms	16	..	
Lashings { 1½-in., 5 ,, ..	28	..	
Lashings { 1-in., 3 ,, ..	30	..	
Ropes, foot, cordage, tarred, 3-in., 9 fathoms	8	..	
Straw, thatching .. .. cwts.	10	..	6 only for Royal Anglesey Militia Engineers.
Plate powder .. .. .. boxes	1	..	For Royal Anglesey Militia Engineers only.
Timber, new, profiling stuff, 1½″ × ¾″	..	..	Local purchase, 5*s*. allowed per company.
Timber, new, 5″ × 5″ stuff for palisading, in lengths of 10 feet feet run.	500	..	200 For Royal Anglesey Militia Engineers.
Timber, new, 1½-in. sheeting for magazines feet super.	400	..	200 For Royal Anglesey Militia Engineers.
Timber, old, 12″ × 12″ stuff for blockhouses, stockades, &c. feet run	400	..	For Royal Monmouthshire Militia Engineers only.
Timber, slight, 2 in. to 5 in. diameter, in lengths between 8 ft. and 15 ft. feet run	200	..	400 for Royal Monmouthshire Militia Engineers only.
Tube joints, flexible	6	..	
Warming pan for dynamite	1	..	For Royal Monmouthshire Militia Engineers only.

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APPENDIX V.

DETAILS OF EQUIPMENT—MILITIA INFANTRY.

[Referred to in Paragraph 69.]

I.—ARMS.

Articles.	Proportions.
Weedon Section.	
SMALL ARMS.	
Rifles, M.L.M.	Serjeants and rank and file, except band and pioneers.
Aim-Correctors	2 per battalion.
Bottles, oil, M.L.M. rifle	1 per rifle.
Protectors, front-sight, M.L.M. rifle..	1 per rifle.
Pull-throughs {	1 per rifle.
Pull-throughs { double	5 per 100 rifles (with 2 spare gauzes to each).
Rods, clearing*	1 per rifle.
Sword-bayonets, pattern 1888, with scabbards	1 per rifle.
Swords and Scabbards { buglers, iron hilt	For all drummers, buglers, fifers, and band, except Highland battalions.
Swords and Scabbards { drummers, brass hilt	For all drummers, buglers, fifers, and band, except Highland battalions.
Swords and Scabbards { pioneers..	Serjeant-pioneer and pioneers.
Swords and Scabbards { Staff-serjeants { Line regiments	For warrant officers, staff-serjeants, and band-serjeants, except Highland and Scottish regiments.
Swords and Scabbards { Staff-serjeants { Rifle regiments	For warrant officers, staff-serjeants, and band-serjeants, except Highland and Scottish regiments.
Swords and Scabbards { Staff-serjeants { Highland regiments	For warrant officers, staff-serjeants and band-serjeants of Highland and Scottish regiments.
Dirks and scabbards	For serjeant-piper, pipers, buglers, drummers and band of all Highland regiments. In other Scottish regiments dirks and scabbards will be allowed for the serjeant-piper and pipers only.

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17

* Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept in regimental charge.

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ARMS—*continued.*

Articles.	Proportions.
Weedon Section—cont.	
SMALL ARMS—continued.	
Tubes, aiming: Martini-Henry rifle	2 per company.
Tubes, aiming: brushes, cleaning	2 per company.
Tubes, aiming: keys, Martini-Henry	2 per company.
Tubes, aiming: rods, cleaning, rifle	2 per company.
Tubes, aiming: sights, fore, false, Martini-Henry rifle	2 per company.
Rifles, M.H., M.T.	2 per company, for aiming tubes
Reflectors, mirror, ·303″ (for examining interior of barrels)	1 per company.
NOTE.—D.P. arms will be supplied when required for training supernumeraries enlisted under para. 132 of the Regulations for Militia.	

II.—ACCOUTREMENTS AND HANDCUFFS.

Band appointments are only allowed to battalions the establishment of which amounts to 500 rank and file, including band and pioneers. Infantry battalions have buff, rifle battalions black accoutrements.

Articles.	Proportions.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
Bags, ammunition, canvas ..	32 per battalion.
Belts, waist, black, warrant officers	Staff-serjeants, Rifles, except kilted battalions.
*Belts, waist, buff, warrant officers, G.S.	Serjeant-major, quartermaster-serjeant, orderly room-serjeant, serjeant-instructor of musketry, band-serjeant, serjeant-drummer, serjeant bugler, and serjeant-piper, Infantry battalions. a 4/28 163
Belts, shoulder, for claymores. .	Staff-serjeants of kilted battalions, and serjeant-piper, buglers, drummers, and band of all Highland battalions.

* White enamelled belts will continue in use until worn out.

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ACCOUTREMENTS AND HANDCUFFS—*continued.*

Articles.	Proportions.
Woolwich Section, No. 1—	
ACCOUTREMENTS—continued.	
Bottles, water, Italian, without spring-clip	All ranks of non-commissioned officers and men.
Carriages, drum	1 per side drum.
Carriages, water-bottle ..	1 per water bottle.
Frogs { sword	1 per pioneer sword.
Frogs { bayonet, G.S. ..	1 per bugler's and drummer's sword, and 1 per sword bayonet.
Handcuffs, common	1 per company.
Knots, sword	1 per staff-serjeant's sword, excepting Highland regiments.
Ornaments, brass, valise, Worcester Regiment	1 per valise, 3rd and 4th battalions, Worcester Regiment.
Slings, rifle	1 per rifle.
Whistles, infantry	1 for each serjeant-major, colour-serjeant, and serjeant.
VALISE EQUIPMENT, PATTERN 1882.	
Belts, waist, G.S.	1 per N.C.O. and man (except staff-serjeants and band-serjeants).
Braces { serjeants and rank and file { left .. right	1 of each per valise
Chapes, waistbelt	2 per valise for ranks not wearing pouches.
Pouches, ammunition	2 per serjeant and rank and file armed with rifles.
Straps { greatcoat and mess-tin	2 per man.
Straps { supporting and mess-tin	2 per valise.
Valises	1 per non-commissioned officer and man (except staff-serjeants and band-serjeants).

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III.—MUSICAL INSTRUMENTS.

Articles.	Proportions.
Woolwich Section, No. 1.	
MUSICAL INSTRUMENTS.	
Bugles (with strings) ..	*Light Infantry and Rifles* 2 per company. *Other Infantry battalions* 1 per company.
Cases .. flute .. B ..	1 per flute.
Cases .. flute .. F ..	1 per flute.
Cases .. drum, brass ..	1 per drum.
Drums, side, brass	1 per company, except for Light Infantry and Rifles.
Flutes .. B..	6 per battalion, except for Light Infantry and Rifles.
Flutes .. F..	2 per battalion, except for Light Infantry and Rifles.
Hooks, drums, side, brass ..	1 per side drum.
Sticks, drum, side .. pair	1 per drum.

IV.—PIONEER EQUIPMENT.

(*For footnotes see page* 61.)

Pioneer equipment will be supplied for 1 pioneer serjeant per battalion, and for 1 pioneer per company (but for not more than 8 pioneers per battalion) in all Militia Infantry battalions, in accordance with the following scales (in a 4-company battalion the tools and appointments detailed for numbers 2, 3, 5, and 6, and in a 6-company battalion, those detailed for numbers 2 and 6, will not be supplied) :—

Tools and Appointments.	Per Battalion.									
	Serjeant.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	No. 7.	No. 8.	Total.
TOOLS.										
Woolwich Section, No. 1.										
PIONEERS, SPECIAL TOOLS AND STORES.										
Bars, pinching, 2 feet 10 inches	...	...	1	...	...	...	...	...	...	1
Woolwich Section, No. 2.										
CAMP EQUIPMENT.										
Axes { hand	...	...	...	...	...	...	1	1	1	3
Axes { felling	...	1	...	1	...	...	1	...	...	3
Hooks, bill...	...	1	1	1	1	1	...	...	...	5

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Pioneer Equipment—continued.

Tools and Appointments.	Per Battalion.									
	Serjeant	No. 1.	No. 2.	No. 3.	No. 4.	No. 5	No. 6.	No. 7.	No. 8.	Total.
Woolwich Section, No. 2—continued.										
Tools for Intrenching.										
Axes, pick { heads, 2¾ lb.	...	1	...	...	1	1	...	1	1	5
Axes, pick { helves, 29 inches	...	1	...	...	1	1	...	1	1	5
Shovels, light, cast steel	...	1	1	1	1	1	1	1	1	8
Woolwich Section, No. 7.										
Tools, Artificers' and Labourers'.										
Aprons, basil, brown...	...	...	...	...	...	...	...	...	...	**2
Tools { shoeing smiths* ... ... sets†	...	...	...	...	...	...	...	...	1	1
Tools { small... ... ... sets‡	1	...	...	...	...	...	...	...	...	1
Woolwich Section, No. 16.										
Spikers, gun, common	2	2	2	2	2	2	2	2	2	18
Appointments.										
Woolwich Section, No. 1.										
Accoutrements.										
Caps, hand-axe, pioneers, black§ or brown‖ ...	...	...	...	...	...	...	1	1	1	3
Cases, black { bill hook	...	1	1	1	1	1	...	...	...	5
Cases, black { with loops, tools, shoeing { No. 1	...	...	...	...	...	...	...	...	1	1
Cases, black { black loops§ or buff loops‖ ... ... { No. 2	...	...	...	...	...	...	...	...	1	1
Cases, black { with loops, tools, small, black loops§ or buff loops‡	1	...	...	...	...	...	...	...	...	1
Cases, pinching bar, black§ or buff‖ { butt ...	...	...	1	...	...	...	...	...	...	1
Cases, pinching bar, black§ or buff‖ { point...	...	...	1	...	...	...	...	...	...	1
Frogs, black§ or buff‖, hand-axe	...	...	...	...	...	...	1	1	1	3
Pouches, gun-spike,¶ brown‖ or black§	...	1	1	1	1	1	1	1	1	8
Straps, black§ or buff,‖ V.E., O.P., mess tin (for connecting felling axes, picks, and shovels)	...	2	...	2	2	2	2	2	2	14

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PIONEER EQUIPMENT—continued.

References.

* Shoeing smiths' tools will only be supplied to Militia battalions in the 3rd Army Corps.

† The shoeing smiths' tools consist of :—

Woolwich Section, No. 7.	No. 1 case.	No. 2 case.
TOOLS, ARTIFICERS' AND LABOURERS'.		
Buffers, farriers'	..	1
Hammers, farriers', shoeing	1	..
Knives, drawing, farriers'	..	1
Pincers, farriers' .. .. .. pair	..	1
Rasps, farriers', 14-inch	1	..
Woolwich Section, No. 10.		
Nails, shoe, horse, No. 8	10	..

‡ The small tools consist of :—

Woolwich Section, No. 1.

PIONEERS' SPECIAL TOOLS AND STORES.

Augers, screw, common, 1 inch, 17 inches long..	1

Woolwich Section, No. 7.

TOOLS, ARTIFICERS' AND LABOURERS'.

Chisels { hand, cold, $\frac{3}{4}$-inch by 8 inch	1
Chisels { socket, $1\frac{1}{4}$-inch..	1
Files, saw, 3-square, hand, $5\frac{1}{2}$-inch	1
Hammers, claw, 20-oz.	1

§ For Rifles. || Except Rifles.

¶ No pouch is issued for the serjeant pioneer, as his gun spikes are carried in his leather case.

** For shoeing smiths of battalions which have regimental transport.

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APPENDIX VI.

DETAILS OF EQUIPMENT.—MILITIA MEDICAL STAFF CORPS.

[Referred to in Paragraph 69.]

I.—ARMS.

Articles.	Proportions.
Weedon Section.	
SMALL ARMS.	
Rifles, M.L.M.	25 service, and 25 D.P. per company for training recruits.
Protectors, front sight, M.L.M. rifle*	1 per rifle.
Reflectors, mirror, ·303″ (for examining interior of barrels)	1 per company.
Rods, clearing †	1 per service rifle.
Sword-bayonets, pattern 1888, with scabbards	1 per D.P. rifle for drilling recruits.
Sword-bayonets, Lancaster	1 per serjeant, bugler, and rank and file.
Scabbards { sword-bayonets, Lancaster	1 per sword-bayonet.
Scabbards { swords, staff-serjeants', pattern 1889 (steel)	1 per sword.
Swords, staff-serjeants', pattern 1889, gilt hilt	1 per staff-serjeant.
Bottles, oil,* M.L.M. rifle	1 per rifle.
Pull-throughs {	1 per rifle.
Pull-throughs { double	5 per 100 rifles (with 2 spare gauzes to each).

* Not supplied with D.P. rifles.

† Clearing rods will be issued with all ·303 arms, but in time of peace will be in possession of serjeants and corporals only, those for other ranks being withdrawn and kept in regimental charge.

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II.—ACCOUTREMENTS AND HANDCUFFS.

Articles.	Proportions.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
Belts, pouch, buff, G.S.	1 per staff-serjeant.
Bottles, water, Italian, without spring clip	all ranks.
Carriages, water bottle	1 per water bottle.
Frogs, buff, sword	1 per Lancaster sword-bayonet.
,, bayonet, G.S.	1 per sword-bayonet, pattern '88.
Handcuffs, common.. .. pairs	2 per company.
Knots, sword, buff, G.S.	1 per staff-serjeant's sword.
Pouches, writing materials, conductors	1 per staff-serjeant.
Slings, rifle, buff	1 per rifle.
VALISE EQUIPMENT, PATTERN 1882, BUFF	
Belts, waist, G.S.	1 per serjeant and rank and file (including buglers).
Belts, waist, buff, warrant officers', G.S.	1 per staff-serjeant.*
Braces { serjeants' and rank and file { left .. / right .. }	1 per valise.
Chapes, waistbelt	1 per serjeant and rank and file, and 2 per bugler.
Pouches, ammunition	1 per serjeant and rank and file.
Straps { greatcoat and mess-tin ..	2 per man.
Straps { supporting	2 per valise.
Valises, japanned	1 per serjeant, bugler, and rank and file.

* White enamelled belts will continue in use until worn out.

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III.—MUSICAL INSTRUMENTS.

Articles.	Proportions.
Woolwich Section, No. 1.	
MUSICAL INSTRUMENTS.	
Bugles	1 per bugler.
Strings, bugle and trumpet, green..	

IV.—STORES FOR INSTRUCTION.

Articles.	Proportions.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
Caps, knee, musketry instruction ..	35
Woolwich Section, No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Stretchers, ambulance	8
Woolwich Section, No. 13.	
FIELD ARTILLERY CARRIAGES, &c.	per company.
Straps, securing, $\frac{3}{4}$ inch by 26 inch..	8
Woolwich Section, No. 27.	
PACKSADDLERY.	
Cacolets .. .. .. pair	1
Packsaddle, Bedding	1
Blankets, G.S.	8

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APPENDIX VII.

[Referred to in Paragraph 130.]

THE PROPORTIONS OF CAMP EQUIPMENT AND INTRENCHING TOOLS ALLOWED.

Articles.	Proportions in standing camps.
Woolwich Section, No. 1.	
ACCOUTREMENTS.	
Caps, knee, musketry instructions..	15 per 100 men (when required for musketry).
Woolwich Section, No. 2.	
CAMP EQUIPMENT.	
Axes, felling, curved helve, 4½ lbs.	1 per company.
Axes, hand, 2 lbs.	1 ,,
Colours, camp (with poles and cases, complete)	4 per unit.
Cords, forage..	1 per mounted officer's horse, and 5 per cent. spare.
Covers, saddle	1 per mounted officer's horse, unless tents are supplied for the saddlery.
Hammers, sledge, 14-lb., and wedges, splitting wood, 10-inch*	4 hammers and 8 wedges per unit.
Hooks, bill	1 per company.
Kettles, camp, oval, 12 quarts ..	1 for 8 non-commissioned officers and men.
Lanterns, tent, folding†	4 per corps for guards and picquets.
Mallets, heel peg	1 per 8 horses or less, and 5 per cent. spare.
Mauls, common	1 per unit.
Nets, forage, pairs (*if specially ordered*)	1 per mounted officer's horse.
Pegs, picketing	1 per do., do., and 5 per cent. spare.
Posts, picket, 2½-ft.	3 per unit.
Ropes, heel, with 2 shackles ..	1 per mounted officer's horse.
Ropes, picketing, white, 16 yards 3-inch rope	1 per unit.
Sheets, ground‡	8 per tent when tent bottoms are not supplied.
,, ,, unserviceable ..	3 per unit.
Stoves, Soyer's, for officers' mess ..	1 ,,
Stoves, Soyer's, for serjeants' mess	1 ,,
Tents, circular, single, linen—Bottoms§	1 per tent except officers' tents and store, office, or workshop tents.

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* Supplied only when wood that requires splitting is issued.

† Candles are supplied by the officer in charge of barracks on demand.

‡ For staff-serjeants' and servants' tents waterproof sheets will be supplied at the rate of one for each man.

§ If available, waterproof sheets may be drawn in lieu of tent bottoms at the option of Commanding Officers.

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Articles.	Proportions in standing camps.
Woolwich Section, No. 2—continued	
Tents, complete, circular, double linen	1 per field officer.
‖ Tents, complete, circular, single, linen	1 for each other officer. 1 per 2 staff-serjeants. 1 per 10 other non-commissioned officers and men. 1 for pay office. 4 for guards. 1 for bandmaster. 3 for field and staff officers' servants. 1 per company for officers' servants. 2 for tradesmen's shops, or 3 if necessary. 2 for messman's stores and mess servants.
Tents, complete, marquee, hospital. — Officers' mess ..	2 per unit.
quarter-masters' stores¶	1 per unit.
orderly room¶ ..	1 per unit.
serjeants' mess	1 per unit.
cooks'¶	1 per unit.
recreation room ..	1 per unit.
Racks, arm, tent	1 per non-commissioned officer's and man's tent.
Tubs, camp	1 per staff-serjeant's tent. 2 per other non-commissioned officer's and man's tent.
INTRENCHING TOOLS.	
Axes, pick, heads, 5-lb. or 6½-lb. ..	2 per company.
Barrows, hand	1 per company.
Barrows, wheel, intrenching ..	4 per unit.
Shovels, universal	1 per company.
Spades, N.P...	1 per company.
Woolwich Section, No. 4.	
CARTS AND WAGON.	
Carts, water barrel	1 or 2 per unit as required.

‖ The scale allowed is calculated to provide for setting apart one tent per company for the use of the colour-serjeant when considered necessary.

¶ For units encamping under 400 strong, a tent, circular, single, linen, will be issued instead.

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Articles.	Proportions in standing camps.
Woolwich Section, No. 5.	
HARNESS AND SADDLERY.	
Bags, corn, 2-bushel	1 per mounted officer's horse.
Bags, nose, G.S.	1 per mounted officer's horse.
Ropes, head, cotton	1 per mounted officer's horse and 5 per cent. spare.
Woolwich Section, No. 18.	
BLOCKS, CANVAS, CORDAGE, &c.	
Cordage, spun-yarn, hemp, tarred ..	As required.
Woolwich Section, No. 25.	
BARRACK AND HOSPITAL STORES.	
Brooms, bass, heath, or birch ..	2 per company.
Brushes, scrubbing, hand	1 per company.
Woolwich Section, No. 26.	
BARRACK AND HOSPITAL STORES.	
Blocks, chopping	1 per unit.
Implements, butchers' .. set	1 per unit.
Pails, iron, galvanised, 4 gallons ..	1 per non-commissioned officer's and man's tent.
Stones, rag or rub scythe	6 per unit.
Woolwich Section, No. 27.	
BEDDING.	
Blankets, G.S.	2 per non-commissioned officer and man.
Cases, bolster, barrack	1 of each per non-commissioned officer and man.
„ paillasse	

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The following articles are specially allowed when demanded by the officer commanding, sufficient reason being shown as to the necessity for the supply in each case :—

Articles.	Proportions in standing camps.
Woolwich Section, No. 2.	
CAMP EQUIPMENT.	
Ovens, Aldershot pattern	2 per unit.
Stoves, Soyer's	4 per battalion and 2 per recreation room in addition (when required).
Screens, latrine	3 per unit when latrines are not supplied by Royal Engineers. 2 per unit for washing purposes.
Woolwich Section, No. 3.	
FIELD HOSPITAL EQUIPMENT.	
Stretchers, ambulance, Mark V ..	1 per unit when a marquee is not issued for a hospital.
Woolwich Section, No. 4.	
CARTS AND WAGONS.	
Carts, S.A., ammunition	1 per unit (2 if over 700 non-commissioned officers and men, and when ordered by General Officer Commanding).
„ hand, common	1 per unit. Encamped at Aldershot only.
Woolwich Section, No. 10.	
IRONMONGERY, HORSE SHOES, &c.	
Nails, assorted * .. .. lbs.	2 per unit.
Woolwich Section, No. 18.	
BLOCKS, CANVAS, CORDAGE, &c.	
Cordage, white, spun yarn, hemp, 3-thread * .. .. .. lbs.	40 per unit.

* These items are to be supplied (but not brought on charge) for use in securing lids to packages, and tying up bundles for return of equipment to store. The spare hoops to be placed inside their casks, at bottom.

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Articles.	Proportions in standing camps.
Woolwich Section, No. 25.	
BARRACK AND HOSPITAL STORES.	
Chairs, officers', or Windsor ..	1 per officer, and 15 per cent. spare.
Dishes, baking, tinned, iron 17″ × 13″ × 4½″	9 per oven.
Stools, serjeants'	4 for serjeants' mess
Tables, officers' (or tops, tables, soldiers', 4 ft.)	1 for medical officer (when required). 1 for paymaster's office. 1 for quartermaster's office. 1 for orderly room.
Trivets, baking dish	9 per oven.
Woolwich Section, No. 26.	
BARRACK AND HOSPITAL STORES.	
Forms, soldiers', 6-ft., complete ..	12 for serjeants' mess. 16 for recreation room. 6 for orderly room. 2 for paymaster's office. 4 for quartermaster's office.
Machines, weighing, 28-lb. steelyard	1 per unit.
Scales, weighing, iron beam, 2½ cwt.	1 ,, ,,
Tables, soldiers', 6-ft. — tops ..	6 for officers' mess. 6 for serjeants' mess. 8 for recreation room. 1 for paymaster's office. 3 for orderly room. 2 for quartermaster's office.
Tables, soldiers', 6-ft. — trestles ..	2 per table top.
Weights, iron, ring, — 56 lbs. ..	4 per set of scales, weighing, iron beam, 2½ cwt.
28 ,, ..	1
14 ,, ..	1
7 ,, ..	1
4 ,, ..	1
2 ,, ..	1
1 ,, ..	1
½ ,, ..	1
¼ ,, ..	1
Woolwich Section, No. 30.	
PACKAGES, &c.	
Hoops, birch (of sizes as necessary)*	2 spare per cask or vat.

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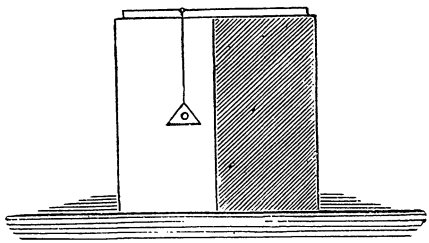
APPENDIX VIII.

INSTRUCTIONAL TARGET.

[Referred to in Paragraph 73.]

The target is made of half-inch deal, and is 4 feet square; it is painted half bright red and half bright green. On the top is fixed an iron rod, $\frac{5}{16}$th of an inch thick and 3·5 feet long, on which runs a ring, to which is attached a chain. A leaden triangle of 6 inches side, painted white, and with a circular hole ·75 inch in diameter in the centre, is suspended by the chain from the ring.



1. *Instruction in laying for direction only.*

Stand the target so that the line down the centre is vertical; direct the recruit to lay on that line.

2. *Instruction in laying for elevation only.*

Stand the target so that the centre line is horizontal; direct the recruit to lay so that the point of the trunnion sight and the two sides of the V are on this line.

3. *Instruction in laying for elevation and direction.*

Allow the triangle to hang in front of the target, and direct the recruit to lay on one or other of its angles.

4. *To teach the use of the deflection scale.*

Set up the target with the centre line vertical, at a measured distance of a 100 yards from the gun; direct the recruit to lay without deflection on the centre line. This done, let him lay with a given number of minutes of deflection at the same point. Show him, by letting him look over the sights, with the deflection scale again at zero, that he has thus laid the gun the same number of inches to the right or left of the centre.

At the distance of 50 yards the number of inches will be one-half of that of the minutes of deflection, and so on in proportion for longer or shorter distances.

5. *To test individual laying.*

1. Lay the gun on one angle of the triangle—mark with chalk the position of the hole—remove the triangle. Let recruit look over the sights, and give directions for the movement of the triangle

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until the angle on which the gun was previously laid appears to him to be in the line of sight. Mark with chalk the second position of the hole.

The distance between the two chalk marks will give the personal error of the recruit.

2. Lay the gun on one angle of the triangle (or on any small object), with given elevation and deflection. Put down the tangent-scale, but do not move the gun.

Let the recruit set the tangent-scale and deflection-leaf, shifting each until the sights appear to him to be on the object.

The difference between the two readings of elevation and deflection will give his personal error.

APPENDIX IX.

DESCRIPTION OF THE FLOATING TARGET FOR ARTILLERY PRACTICE (MARK III).

[Referred to in Paragraph 76.]

The target consists of a raft made of two pieces of deal 10 feet in length, 9 inches wide, and 3 inches in thickness, united together crosswise, and having a cask or ordinary half-ton vat placed on it and secured, as shown in the drawing, by four wooden snugs and four small guy lines.

A flagstaff, 2½ inches in diameter and 14 feet in height, with flag 4 feet 6 inches by 4 feet, is inserted upright in the vat and secured by four guys to the extremities of the raft.

A 3-inch rope, 18½ fathoms in length with an iron shackle at one end for attaching an anchor or grapnel, is made fast to the raft, as shown in the drawing.

The raft will be issued *not* put together, the two pieces being simply nailed together when required for use.

The following are the component parts :—

Anchors, 30-lb.	1
Cables, 18½ fathoms 3-inch tarred rope, with shackle	1
Casks, vat, half-ton, fitted with guy ropes	1
Flags, red, 4′ × 4′ 6″	1
Floats, fir, 24″ × 3″ × 3″, with 10 fathoms of 1-inch tarred rope	1
Guy ropes, flag-staff, 4½ fathoms 1-inch tarred rope	2
Halyards, 3½ fathoms ½-inch white rope	1
Rafts, light, two pieces of deal, each 10′×9″×3″, with two snugs	1
Staves, flag, wood, 14′ × 2½″	1

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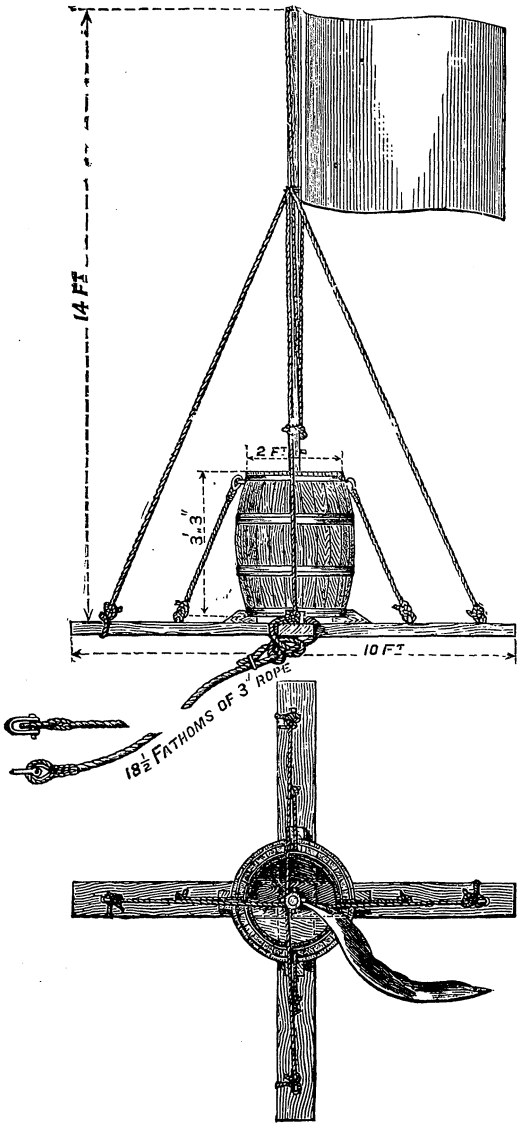
TARGET, ARTILLERY, FLOATING (MARK III).



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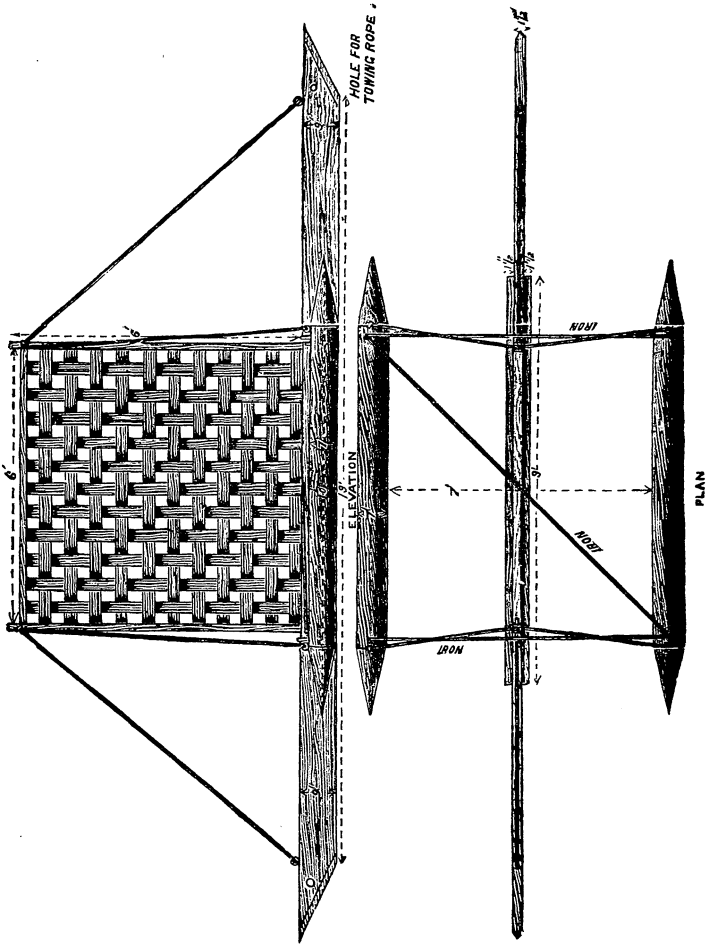
APPENDIX X.

DRAWING OF MOVING TARGET.

[Referred to in Paragraph 77.]



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APPENDIX XI.

SCALE OF HOSPITAL EQUIPMENT FOR A MILITIA UNIT ENCAMPED FOR TRAINING WHERE NO BUILDING IS AVAILABLE FOR A HOSPITAL.

[Referred to in Paragraph 138A.]

Woolwich Section, No. 2.

Axes, felling, 4½-lbs.	1
Axes, pick, heads, 6½lbs.	1
Axes, pick, helves, 34-inch	1
Flags, distinguishing, crossbars, pairs	1
Hooks, reaping, large	2
Kettles, Camp, oval, 12 quarts	2
Lanterns, tent, distinguishing, white	2
Screens, cooks	1
Screens, latrines	1
Sheets, ground	15
Spades, N.P.	2
Tents, complete, circular double linen	1*
,, ,, single ,,	2†
,, marquee, hospital	1
,, ,, ,, bottoms, wood, sets	1

Woolwich Section, No. 3.

Panniers, canteen, filled, A	1
Panniers, canteen, filled, B	1
Panniers, canteen, filled, C	1
Panniers, canteen, filled, D	1
,, medical comforts, Mk. II, filled	2
Flags, field hospital, square	1
,, ,, poles, 18 feet	1
,, ,, poles, 7 feet	1

Woolwich Section, No. 8.

Saws, hand, 26-inch	1

Woolwich Section, No. 25.

Chairs, officers	1
Standards, measuring, height	1

Woolwich Section, No. 26.

Pails, iron, galvanized, 4 gallons	4
Machines, weighing, without weights, man	1
Tables, soldiers, 4 feet, tops	1
Tables, soldiers, 4 feet, trestles	2
Weights, iron, ring, 56 lbs. to ¼ lb. sets	1

* For medical officer.
† 1 for surgery and 1 for servants.

57
Dublin
5689

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Woolwich Section, No. 27.

Blankets, G.S.	30
Cases, palliasse, barrack	15
„ slip, bolster	15

Not in Vocabulary.

Belts, cholera, flannel	15*
Army Book 27 (Admission and discharge book)	1
„ 39 (Diary or ward book)	1

Medical Equipment.

(Demands to be made on Army Form I 1209 to Army Medical Department through the Principal Medical Officer of the District.)

1 pair field medical panniers (Appendix No. 33 Medical Regulations).

1 field fracture box (Appendix No. 27 Medical Regulations).

1 stomach pump (Appendix No. 22 Medical Regulations).

1 set tooth instruments (Appendix No. 19 Medical Regulations).

* To be demanded from the Army Clothing Department.

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LONDON.

February 24 1900

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6th Cav. ~~Deputy Paymaster General.~~
Military Attaché.

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WAR DEPARTMENT,
Military Information
Feb 7, 1900
DIVISION.
Adjutant General's Office.

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REGULATIONS

FOR THE

EQUIPMENT OF THE ARMY.

(REGULAR FORCES AND MILITIA.)

Part 2.—Section XVI.

MILITIA.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XIb.
ROYAL HORSE AND ROYAL FIELD ARTILLERY, STAFF AND DEPÔT BATTERIES, DETAILS.

B.L., 12-pr. 6-cwt., and 15-pr. EQUIPMENT.

WAR OFFICE, 1900.

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DETAILS OF EQUIPMENT

ROYAL HORSE AND ROYAL FIELD ARTILLERY.

(B.L., 12-pr., 6 cwt., and 15-pr.)

STAFF AND DEPÔT BATTERIES.

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ROYAL HORSE AND ROYAL FIELD ARTILLERY, STAFF AND DEPÔT BATTERIES.

Part 2.—Section XIb.

Arms.

TABLE 1.	Proportions.
Weedon Section.	
Carbines, M.M., Artillery, Mark II	20 per cent. of establishment of gunners — R.F.A. depôts only.
Pull-throughs { .. .. .. double	1 per carbine; 1 with 2 spare gauzes — R.F.A. depôts only.
Reflectors, mirror *a*	2 per depôt — R.F.A. depôts only.
Scabbards, sword-bayonet, M.H. carbine **Sword-bayonets,** M.H. carbine ..	1 per gunner and artificer, except farriers and shoeing smiths (R.F.A. depôts only).
Scabbards, sword, Cavalry, pattern 1899, Mark I **Swords,** Cavalry, pattern 1899 ..	*Staff.*—All ranks. *R.H.A. Depôt.*—1 per N.-C. Officer, trumpeter, and artificer, and 50 per cent. for gunners. *R.F.A. Depôts.*—1 per battery staff serjeant, serjeant, corporal, bombardier (including acting bombardier), farrier, shoeing smith and trumpeter.

a For examining interior of barrels.

N.B.—Repairs to arms that cannot be performed by battery artificers, will be executed as directed in Equipment Regulations, Part 1.

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Accoutrements.

TABLE 2.	Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks—1 each.
Belts, waist, buff, — cavalry, patt. '85 — S.S.	1 per staff serjeant.
Belts, waist, buff, — cavalry, patt. '85 — O.R.	R.H.A.—1 per sword, other ranks, and 1 per boy, and 50 per cent. for drivers. R.F.A.—1 per cavalry sword, other ranks, and 1 per boy.
Belts, waist, buff, — Field Artillery, dismounted and drivers' with plate	Gunners and drivers, except acting bombardiers; and artificers, except farriers and shoeing smiths
Bottles, water, enamelled, L.S. *a* ..	1 per N.-C. Officer, man, and boy wearing a belt.
Frogs, buff, bayonet, G.S.	1 per sword-bayonet.
Handcuffs, common .. .. pairs	2 per depôt.
Knots, sword, buff, — G.S...	1 per staff serjeant.
Knots, sword, buff, — cavalry, line, O.R...	1 per cavalry sword, other ranks.
Pouches, ammunition, black, japanned, Artillery..	1 per carbine.
Slings, carbine, buff, Artillery ..	1 per carbine.
Straps, buff, water bottle, mounted services *a*	1 per water bottle.

a. Italian water-bottles and brown leather carriages will continue in use until stock is issued and worn out.

Articles for Repair of Accoutrements.

TABLE 3.	Per Depôt. R.H.A. 4 guns.	Per Depôt. R.F.A. 2 guns.
Woolwich Section No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	8	3
Buckles, brass, — frog	—	3
Buckles, brass, — waist-belt, Field Artillery	—	3
Buckles, brass, — waist-belt, cavalry — line	2	—*a*
Buckles, brass, — waist-belt, cavalry — patt. '85 ..	6	—*a*
Buttons, brass	8	3
Chapes, waist-belt, cavalry, patt. '85	6	—*a*
Hooks, brass, side, cavalry, line	3	3
Loops, brass, waist-belt, cavalry, patt. '85	6	—*a*
Pieces, leather, buff, — $4\frac{1}{4}$ in. × $\frac{3}{4}$ in. — (for waist belt)	4	—*a*
Pieces, leather, buff, — $4\frac{1}{4}$ in. × $\frac{3}{4}$ in. — (for waist belt safe, patt. '85)	6	—*a*
Pieces, leather, buff, — 3 ,, × $\frac{1}{2}$,, — (for inside of waist belt) ..	4	5
Pieces, leather, buff, — 3 ,, × $\frac{1}{2}$,, — (for sword knot)	3	3
Safes, waist-belt, buff, cavalry	2	—*a*
Short parts, waist-belt, cavalry, patt. '85	6	—*a*
Straps, buff, frog	—	3

a. 3 per cent. brass articles and 5 per cent. leather.

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Musical Instruments.

TABLE 4.	General Proportions.
Woolwich Section No. 1.	
Cases, drum, brass, large	1 per depôt.
Drums, side, { brass, large	1 „ „
Drums, side, { sticks .. .. pairs	1 „ „
Bugles *a*	R.H.A.—1 per serjeant trumpeter and trumpeter, and 25 additional per depôt for training boys.
Trumpets *a*	R.F.A.—1 per serjeant trumpeter and trumpeter, and 20 additional per depôt for training boys.
Strings, bugle and trumpet, Royal *a*	1 per bugle and 1 per trumpet.
Pitch pipes	1 per depôt.
Tuning forks	1 per depôt.

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a. The Boys' Detachment, Royal Field Artillery, at Aldershot, is allowed 10 of each of these articles.

Saddlery and Harness.

TABLE 5.	Per Depôt. R.H.A.	Per Depôt. R.F.A.	Staff. R.H.A.	Staff. R.F.A.	Remarks.
SADDLERY.					
Officers, public .. sets	2	7	3	7	
Universal, steel arch, pattern 1890 .. .. sets	154	21	5	4	
HARNESS.					
Pole-draught, R.A. { lead, single sets	26	6	—	—	Short traces at the rate of 1 pair per single set of lead and centre harness. Traces, saddlery, are allowed at the rate of 2 pairs per gun and wagon limber; carried on footboards.
Pole-draught, R.A. { wheel, „ „	18	6	—	—	

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Harness and Saddlery.

TABLE 6.	Spare per Depôt. R.H.A.	Spare per Depôt. R.F.A.	Remarks.
HARNESS AND SADDLERY.			
Woolwich Section No. 2.			
Ropes, head, hemp, with ring ..	6	2	
Woolwich Section No. 5.			
Bits, portmouth, reversible { Mark II	1	1	
Bits, portmouth, reversible { heads, bridle ..	1	1	
Collars, head, R.A.	2	1	
Couples, trace	2	1	
Hames *a* .. .. .. pairs	1	1	
Hooks, pole-bar	4	2	
Leggings, drivers' *a*	1	1	
Links, double	4	2	
Pannels, numnah, drivers', Mark I, pairs	4	1	
Pans, oil	4	1	Annual supply.
Pieces, buckling, 1½-inch	1	1	
Reins, { bearing, Mark II *b*	2	1	
Reins, { driving, long, *c* .. sets	1	1	
Reins, { side	1	1	
Rings, clip *c*	4	4	
Straps, { back *c*	2	2	
Straps, { breast, breeching *a* ..	1	1	
Straps, { flank	2	2	
Straps, { hame	1	1	
Straps, { pole *a*	4	1	
Straps, { wither, 1½-inch	1	1	
Traces, harness, short, .. pairs	—	1	
Whips, { drivers'	2	2	
Whips, { driving *c*	1	1	
Woolwich Section No. 6.			
Bits, { bridoon	3	1	
Bits, { ,, chains	6	2	
Bits, { port-mouth, { saddlery	1	1	
Bits, { port-mouth, { chains, curb ..	3	1	
Bits, { port-mouth, { hooks, curb ..	6	2	
Girths, leather, patt. '84	2	1	
Irons, stirrup, G.S.	2	1	
Leathers, stirrup	2	1	
Reins, bridoon	1	1	
Runners, stirrup leather	2	1	
Straps, shoe case, pattern '84 ..	2	1	
Surcingles, leather, harness	2	1	

a. Special to Pole Draught, R.A.
b. One leading rein in lieu of bearing rein per double set will be issued until store of leading reins is exhausted.
c. Provided in order that the Artillery wagon may be driven from the box if required.

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Harness and Saddlery, Stable Necessaries and Equitation Articles.

TABLE 7.	Proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse.
Bridles, mouthing, bits .. .. / heads, bridle.. / reins	2 per depôt.
Bridles, snaffle	6 for R.H.A. and 6 for R.F.A. depôts.
Brushes, harness, hard	1 per double set of harness.
Brushes, horse	1 per horse. Supplied yearly on 1st April.
Combs, curry	1 per horse. Supplied yearly on 1st April.
Pickers, hoof	1 per N.-C. officer and man with mounted kit.
Sacks, corn, 4 bushel, canvas *a* ..	1 per 12 draught horses.
Scissors, trimming, ... pairs	1 pair per 12 horses annually.
Sponges, G.S.	1 per riding horse, and 2 per draught horse. Supplied yearly on 1st April.
Straps, kicking	1 per depôt.
Whips, hand	4 ,,
Whips, longeing	2 ,,

a. The 5-bushel sacks now in possession should be continued in use until stock is exhausted.

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Harness and Saddlery, etc.—Materials for repair of harness and saddlery, including saddletrees, are given in Appendix XIV, Part I, Equipment Regulations.

Materials for Repair and Preservation of Equitation Articles.

TABLE S.	Per Depôt.		Remarks.
	R.H.A.	R.F.A.	
Woolwich Section No. 5.			
Sponges, G.S.	2	1	Annual supply.
Woolwich Section No. 6.			
Cord, whip .. .. ozs.	6	6	
Woolwich Section No. 11.			
Oil, rape .. .. .. pints	2	1	
Soap, soft *a* .. .. lbs.	6	5	
Woolwich Section No. 31.			
Linen, old (rags) .. .. lbs.	½	¼	

a. ½ bar of hard soap may be drawn in lieu of every ¾ lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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Carriages.

TABLE 9.	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service.*a*	Packed as for Service.*a*	R.H.A.	R.F.A.
Woolwich Section No. 13.				
Bars, supporting draught pole, No. 2 .. .. (spare)	—	—	2	1
Carriages, field, B.L. — 12-pr. 6-cwt. ..	—	—	4	—
Carriages, field, B.L. — 15-pr.	—	—	—	2
Covers, wagon, artillery	—	—	1	1
Handspikes, traversing, — No. 1, Mark II (spare)	—	—	—	1†‡
Handspikes, traversing, — ,, 2 ,, ,,	—	—	1	1 §
Hoops, bale, wagon, artillery sets	—	—	1	1
Keys, limber, hook, No. 2 (spare)	—	—	1	1
Limbers, field, B.L. — 12-pr. carriage ..	—	—	4	—
Limbers, field, B.L. — 6-cwt. wagon ..	—	—	2	—
Limbers, field, B.L. — 15-pr. carriage ..	—	—	—	2
Pins, linch, 2nd class, — Mark II (spare)	1	1	6	2
Pins, linch, 2nd class, — wagon, artillery ..	—	—	1	1
Poles, draught, No.18, (jointed) (spare)	—	—	1	—
Spanners, No. 176	—	—	—	1†
Swingletrees, Nos. 7A or 10A (spare)	1	1	7	3
Wagons, — ammunition, B.L., 12-pr. 6-cwt. ..	—	—	2	—
Wagons, — artillery	—	—	1	1
Washers, drag, — 2nd class, "C," Mark II (spare)	1	1	6	2
Washers, drag, — wagon, artillery ..	—	—	1	1
Wheels, 2nd class C, No. 35A (spare)	—	—	1	1

a. Except ammunition.
† Mark I* carriage.
‡ ,, II* ,,
§ ,, III ,,

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Tools for Painting Carriages, &c.

Triennial Supply, during Peace only.

TABLE 10.	Per Depôt. R.H.A.	Per Depôt. R.F.A.	Remarks.
Woolwich Section No. 5.			
Pans, oil	6	6	
Woolwich Section No. 7.			
Brushes, sable, writing, duck, large	2	2	
Cans, paint, 7½ in. diameter ..	1	1	
Cans, paint, 7 ,, ,, ..	1	1	
Knives, palette, 9-in.	1	1	
Knives, putty	1	1	
Woolwich Section No. 25.			
Brushes, paint,*a* ground 0 0 0 ..	1	1	
Brushes, paint,*a* sash tool, No. 2 ..	2	2	
Brushes, paint,*a* sash tool, ,, 4 ..	1	1	
Brushes, paint,*a* sash tool, ,, 6 ..	1	1	

a. Supplied annually.

Materials for Painting Carriages.

Annual Supply, during Peace only.

TABLE 11.	Paint, Prepared — Khaki Colour. lbs.	Paint, Prepared — Khaki Colour. ozs.	Putty. lbs.	Putty. ozs.	
Woolwich Section No. 13.					
Carriages, field, B.L., 12-pr., 6 cwt. or 15-pr.	5	12	0	8	¼ gill of raw linseed oil for side-arms, to each carriage.
Limbers, field, B.L., 12-pr., 6 cwt., or 15-pr.	5	8	0	8	
Poles, draught..	0	5	0	1	
Wagons, ammunition, B.L., 12-pr., 6 cwt. or 15-pr.	6	8	0	8	
Wagons, artillery	15	0	2	0	
Wheels, 2nd class, "C" No. 35 or 35A	1	8	0	2	
Wheels, 2nd class, "C" ,, 37.. ..	1	0	0	1	
Wheels, 2nd class, "C" ,, 38A ..	1	0	0	2	

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Time and Working Pay allowed for Scraping, Cleaning and Painting Carriages, &c. *a*

TABLE 12.	Scraping and cleaning.		Painting.			
			Priming, or first coat.		Stopping, or second coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
Woolwich Section No. 13.	H. M.	*s. d.*	H. M.	*s. d.*	H. M.	*s. d.*
Carriages, field, B.L., 12-pr., 6 cwt. or 15-pr.	7 30	0 $7\frac{1}{3}$	5 0	0 $7\frac{1}{3}$	6 30	0 $9\frac{3}{4}$
Limbers, field, B.L., 12-pr., 6 cwt. or 15-pr.	7 30	0 $7\frac{1}{3}$	5 0	0 $7\frac{1}{3}$	6 30	0 $9\frac{3}{4}$
Wagons, ammunition, B.L., 12-pr., 6 cwt. or 15-pr.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{3}$	6 30	0 $9\frac{3}{4}$
Wagons, artillery	13 0	1 1	13 0	1 $7\frac{1}{2}$	17 0	2 $1\frac{1}{3}$
Wheels, 2nd class, "C" No. 35 or 35A	0 40	0 $0\frac{2}{3}$	0 50	0 $1\frac{1}{4}$	1 0	0 $1\frac{1}{2}$
Wheels, 2nd class, "C" „ 37 or 38A	0 25	0 $0\frac{5}{12}$	0 40	0 1	0 45	0 1

a. See Part 1 Equipment Regulations.

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Materials and Time and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 13.		Khaki colour, each coat.		Lacquer, for bore, each coat.		Cleaning exterior and interior.				Painting exterior and lacquering interior, one coat.			
						Time.		Amount.		Time.		Amount.	
		lbs.	ozs.	lbs.	ozs.	H.	M.	s.	d.	H.	M.	s.	d.
Ordnance, B.L.	12-pr., 6 cwt.	0	6	0	$1\frac{3}{4}$	2	0	0	2	0	30	0	$0\frac{3}{4}$
	15-pr.	0	7	0	2	2	0	0	2	0	30	0	$0\frac{3}{4}$

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Camp Equipment.

TABLE 14.	B.L., 12-pr., 6-cwt., and 15-pr.		Total per Depôt	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service. *a*	Packed as for Service. *a*	R.H.A.	R.F.A.
Woolwich Section No. 2.				
Axes, felling, curved helve	1	1	6	2
Axes, pick, head, 6½-lb.	1	1	6	2
Axes, pick, helve, 34½-in.	1	1	6	2
Bags, picketing gear	1	1	6	2
Buckets, water, G. S., leather	4	2	20	8
Hooks, bill	1	1	6	2
Kettles, camp, oval, 12-quarts	—	—	*b*	*b*
Mallets, heel-peg and small picket	2	2	12	4
Pads, surcingle, Mark II	—	—	*c*	*c*
Pegs, picketing, with rope loop, for heel rope	—	—	36	12
Pegs, picketing, with rope loop, for built-up rope	—	—	24	6
Ropes, picketing, 4-ft. 9-in.	6	6	36	12
Rugs, horse, large *d*	—	—	3	2
Spades, N.P.	2	2	12	4
Woolwich Section No. 27.				
Blankets, G. S.	2	4	16	—
Blankets, G. S.	4	4	—	8

a. Except ammunition.
b. 1 per 3 officers or 15 men.
c. 1 per surcingle.
d. For sick horses.

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Ordnance and General Store.

TABLE 15.	B.L., 12-pr. 6 cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service. *a*	Packed as for Service. *a*	R.H.A.	R.F.A.
Woolwich Section No 5.				
Brushes, water, carriage	1	1	6	2
Cartouches, leather *b*	—	—	4	2
Couples, trace	2	2	12	4
Woolwich Section No. 7.				
Cases, saw, hand	—	1	2	—
Chests, tool, filled — No. 3F	—	—	1	1
Chests, tool, filled — " 5A	—	—	1	1
Chests, tool, filled — " 10	—	—	1	1
Chest, tool, empty, No 7	—	—	1	1
Chisels, ripping *c*	—	—	1	1
Drivers, screw, G.S. — 4-in.	1	1	6	2
Drivers, screw, G.S. — 9-in. *c*	—	—	1	1
Grindstone, F.S., 10-in.	—	—	1	1
Hammers, claw, 20-oz.	1	—	4	2
Hammers, riveting, 24-oz. *c* ..	—	—	1	1
Knives, clasp	—	1	2	—
Pincers, carpenters' .. .. pairs	1	—	4	2
Saws, hand, 26-in.	—	1	2	—
Spanners, McMahon, 15-in.	1	—	4	2
Tools, shoeing *d* .. .. sets	—	—	2	2
Tools, forge *d* .. .. "	—	—	1	1
Tools, tinman's .. .. "	—	—	1	1
Woolwich Section No. 10.				
Jacks, lifting, G.S.	—	1	2	1
Nails, iron, shoe, horses (*see* Shoes, horse)	—	—	—	—
Shoes, horse *e* .. .. sets, (spare)	—	—	—	—

a. Except ammunition.
b. Will be replaced by "Holdalls, cleaning materia's" when existing stock is used up.
c. Tools, opening packages.
d. Carried in No. 7 chest.
e. One set of shoes and nails for each horse; of these a pair is carried in the shoe cases.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service. *a*	Packed as for Service. *a*	R.H.A.	R.F.A.
Woolwich Section No. 11.				
Cylinders, paint, No. 3	—	—	2	1
Grease, Field's.. .. .. lbs.	3	31	80	12
Mineral jelly *bc* .. .. „	—	—	6	3
Oil, olive, best quality, lubricating *cd* pints	—	—	8	2
Oil, Rangoon *c* .. .. „	—	—	20	10
Tallow, Russian *cd* .. .. lbs.	—	—	8	2
Woolwich Section No. 13.				
Boxes, grease, 14 lb.	—	2	4	—
Cans, lubricating, No. 9 (oil).. ..	1	—	4	2
Cartouches, B.L., 12-pr. 6-cwt. limber..	2	2	12	—
Cartouches, B.L., 12-pr. 6-cwt. wagon..	—	2	4	—
Cartouches, B.L., 15-pr. limber ..	2	—	—	4
Magazines, portable, B.L., 12-pr. 6-cwt. and 15-pr. cordite	2	4	16	4
Posts, aiming blue disc .. .. / red „	2	—	8	4
Woolwich Section No. 14.				
Handspikes, common, 6-ft.	—	1	2	—
Woolwich Section No. 17.				
Covers, bracket, telescopic sight, B.L., 15-pr. and 12-pr.	1	—	4	2
Ordnance, B.L. 12-pr., 6-cwt.	—	—	4	—
Ordnance, B.L. 15-pr.	—	—	—	2

a. Except ammunition.
b. For protection of bore and breech fittings.
c. Annual supply.
d. For preservation of obturating pads.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service. *a*	Packed as for Service. *a*	R.H.A.	R.F.A.
Woolwich Section No 17—continued.				
FITTINGS (SPARE).				
Ordnance, B.L., 12-pr. 6 cwt., Mark I. — bolts — elevating	—	—	1	—
bolts — stop	—	1	1	—
brackets, telescopic sight, with two fixing screws, A and B ..	—	—	1	—
collars, actuating T, tube.. ..	—	3	6	—
discs, pad obturating, — adjusting	1	1	6	—
discs, pad obturating, — protecting.. sets	1	1	6	—
levers, cam	—	1*b*	2	—
pads, obturating	1	1	6	—
pins, keep, — elevating, bolt	—	2	4	—
pins, keep, — hinge, bolt, carrier, ring..	—	2	4	—
rings, carrier	—	—	1	—
screws, breech	—	—	1	—
springs — catch, vent, T, axial ..	—	2	4	—
springs — clip, carrier, ring.. ..	—	2	4	—
springs — stud — catch	—	4	8	—
springs — stud — retaining fore-sights	—	4	8	—
vent, T, axial	1	1	6	—
APPURTENANCES AND IMPLEMENTS.				
Bits, vent, 14-in. *c*	1	—	4	—
Boxes, obturating pads and discs, B.L., 15-pr. and 12-pr., Mark II ..	1	1	6	—
Ordnance, B.L., wrenches, breech, mechanism "A"	1	1	6	—
Rods, vent, 14-in. *c*	1	—	4	—

a. Except ammunition. *b.* 1 per 2 guns.
c. 11-in. to be retained until unserviceable.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service. *a*	Packed as for Service. *a*	R.H.A.	R.F.A.
Woolwich Section No. 17—con'd.				
APPURTENANCES AND IMPLEMENTS —*continued.*				
Clamps, tangent, sight, 15- and 12-pr., Mark II ..	2	—	8	—
,, , (spare)	—	1	2	—
Rimers, vent, T	1	—	4	—
,, .. (spare)	1	1	6	—
Sights, B.L. fore, 15-pr. and 12-pr., Mark II	2	—	8	—
,, ,, ,, ,, (spare)	—	1	2	—
tangent, 12-pr. 6-cwt.	2	—	8	—
,, ,, ,, (spare)	—	1	2	—
telescopic ,, ,, Mark III	1	1*b*	5	—
FITTINGS (SPARE).				
Ordnance, B.L., 15-pr., Mark I. bolts, elevating	—	—	—	2
brackets, telescopic sight, with 2 fixing screws, A and B ..	—	—	—	2
discs, pad, obturating { adjusting ..	1	—	—	2
discs, pad, obturating { protecting sets	1	—	—	2
heads, axial	—	—	—	1
pads, obturating	1	—	—	2
rings, carrier	—	—	—	1
screws, breech	—	—	—	1
springs, clip, carrier ring ..	3	—	—	6
vent, T, radial	1	—	—	2
washers, vent, T	2	—	—	4
Boxes, obturating pads and discs, B.L., 15 and 12-pr. Mark II ..	1	—	—	2
Drifts, vent, 8-inch	1	—	—	2
Ordnance, B.L., 15-pr., wrenches { ratchet, radial T-vent, or Mark II radial, T-vent *c*	1	—	—	2

a. Except ammunition. *b.* 1 per 2 wagons. *c.* According to the mark of vent in use.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service.*a*	Packed as for Service.*a*	R.H.A.	R.F.A.
Woolwich Section No. 17—*contd.*				
APPURTENANCES AND IMPLEMENTS—*—continued.*				
Clamps, tangent sight, B.L., 15-pr. ..	2	—	—	4
Rimers, vent T	1	—	—	2
Rimers, " .. (spare)	1	—	—	2
Sights, B.L. fore, 15 and 12-pr. Mark II	2	—	—	4
Sights, B.L. tangent, 15-pr.	2	—	—	4
Sights, B.L. telescopic, 15.pr. Mark III	1	—	—	2
Woolwich Section No. 18.				
Brushes, breech, screw	1	—	4	2
Caps, sponge No. 4	—	1	2	—
Caps, sponge " 6	2	—	8	4
Cleaners, piasaba B.L., 12 and 15-pr.	1	—	4	2
Cleaners, wool " " ..	1	—	4	2
Cloths, sponge *b*	—	—	40	20
Covers, breech, B.L. 12 pr. 6-cwt... ..	1	—	4	—
Covers, breech, B.L. 15-pr...	1	—	—	2
Lines, Hambro'	—	1	2	—
Marline .. .. skeins	—	1	2	—
Ropes, drag, light, G.S. .. pairs	1	1	6	2
Sponges, R.M.L., 13-pr., jointed ..	—	1 *c*	1	1
Tampeons, B.L., 12-pr. 6-cwt., and 15-pr.	1	—	4	2
Woolwich Section No. 20.				
Needles, magazine, phosphor bronze, 4-in.	—	2	4	—
Scissors, magazine .. .. pairs	—	1	2	—
Silk, twist .. .. .. ozs.	—	2	4	—

a. Except ammunition. *b.* Annual supply. *c.* Per depôt.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service.*a*	Packed as for Service.*a*	R.H.A.	R.F.A.
Woolwich Section No. 22.				
Implements, fuze, shell and cartridge— Keys, fuze, universal..	3	4	20	6
Lanyards, friction, tube, field, T ..	2	2	12	4
Woolwich Section No. 25.				
Boards, inventory	—	—	1	1
Irons, branding, ⅝-in. figures, 0 to 8 sets	—	—	1	1
Irons, branding, ⅝-in. letters, 1 letter (alphabet) .. .. sets	—	—	1	1
Stamps, steel for copper, inlaid, ½-in. figures, 0 to 8 ,,	—	—	2	2
Stamps, steel for copper, inlaid, ½-in. letters ,,	—	—	2	2
Stamps, steel for metal, ⅛-in. figures, 0 to 8 ,,	—	—	2	2
Stamps, steel for metal, ⅛-in. letters, 1 letter ,,	—	—	2	2
Stamps, steel for wood, $\frac{3}{16}$-in. figures, 0 to 8 ,,	—	—	2	2
Stamps, steel for wood, $\frac{3}{16}$-in. letters, 1 letter ,,	—	—	2	2
Stamps, steel for metal, $\frac{3}{16}$-in. figures, 0 to 8	—	—	2	2
Stamps, steel for metal, $\frac{3}{16}$-in. 1 letter (A or B) ..	—	—	2	—
Stamps, steel for metal, $\frac{3}{16}$-in. 2 letters (R.A.) ..	—	—	—	2
Stamps, steel for metal, $\frac{3}{16}$-in. 3 ,, (R.H.A.) ..	—	—	2	—
Stamps, steel for metal, $\frac{3}{16}$-in. 4 ,, (Depôt) ..	—	—	2	2
DRILL AND INSTRUCTIONAL STORES.				
Woolwich Section No. 7.				
Spikes, marline..	—	—	6	6
Woolwich Section No. 13.				
Lithographs, coloured, small, R.L. (fuzes and shells) .. .. sets	—	—	2	2

a Except ammunition.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6 cwt., and 15-pr.		Total per Depôt.	
	Gun Carriages and Limbers.	Ammunition Wagons and Limbers.		
	Packed as for Service.*a*	Packed as for Service.*a*	R.H.A.	R.F.A.
Woolwich Section No. 18.				
Cordage hawser, 3-strand, white, 1-in. or 1½-in., fine *b* ..	—	—	24	24
Cordage old, 2-in. or over *c* ..	—	—	12	12
Woolwich Section No. 22.				
Boxes, section of fuzes, No. 4*d* ..	—	—	1	1
Fuzes, drill, time and percussion, No, 56*d*	--	—	48*ef*	24*ef*
Fuzes, section, time, and percussion, No. 56 — before firing	—	—	1	1
Fuzes, section, time, and percussion, No. 56 — after firing	—	—	1	1
Tubes, friction, T, drill, Mark II ..	—	1	2	2

a. Except ammunition.
b. For knotting.
c. Annual supply for splicing.
d. 6 metal washers, spare, per battery, are allowed for use with time and percussion fuzes when used as drill fuzes.
e. Burnt-out fuzes will be used.
f. 3 metal washers, spare, will be issued for each repaired and re-issued fuze.

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Materials, Repairing Carriages, &c.

TABLE 16.

	Per Depôt. R.H.A. B.L., 12-pr. 6-cwt.	Per Depôt. R.F.A. B.L., 15-pr.	For what Purpose.	Remarks.
Woolwich Section No. 10.				
Nails, copper, rose head, strong, No. 451 .. .. lbs.	¼	½	General repairs.	
steel, brad, fine pointed, No. 26 .. .. ,,	⅛	¼		
steel, clasp fine, No. 72 .. .. .. ,,	¼	—		
steel, clasp strong, No. 80 .. .. .. ,,	¼	—		
iron, clout, wrought, countersunk head, No. 104 .. .. ,,	⅛	—		
wire, grooved 2 in .. .. ,,	—	½		
wire, grooved 1½ in.. .. .. ,,	—	½		
Screws, iron, flathead 2 in. gauge, No. 14 ..	24	6		
iron, flathead 1½ ,, ,, ,, 13 ..	24	6		
iron, flathead 1 ,, ,, ,, 12 ..	24	8		
iron, flathead ¾ ,, ,, ,, 10 ..	24	8		
brass, 1 in. gauge, No. 12	—	4		
Tacks, copper, No. 473 .. .. .. ,,	¼	½		
Tacks, steel, cut, No. 192 .. .. .. ,,	¼	½		
Woolwich Section No. 11				
Glue, best town made .. .. lbs.	½	½	Boxes and general repairs.	
Oil, linseed, boiled .. .. pints	1	½	Elevating gear and working part of carriage.	

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 16—*continued.*	Per Depôt. R.H.A. B.L., 12-pr. 6-cwt.	Per Depôt. R.F.A. B.L., 15-pr.	For what Purpose.	Remarks.
Paint, lamp black .. .. ozs.	2	4	Lettering batteries.	
Paint, lead, white .. .. ,,	2	4	Painting discs of aiming posts.	
Paint, blue, ultramarine (dry) .. .. ,,	1	1	Painting discs of aiming posts.	
Paint, red, Chinese (dry) .. .. .. ,,	1	1	Painting discs of aiming posts.	
Turpentine, spirits of .. .. pints	⅛	⅛	Lettering batteries.	
Woolwich Section No. 13.				
Bolts, with nuts, nave, 2nd class "C," No. 35A wheel, bevel head	2	1	General repairs.	
Bolts, with nuts, nave, 2nd class "C," No. 35A wheel, plain ,,	1	1	General repairs.	
Bolts, with nuts, nave, 2nd class "C," No. 37 and 38A wheel ..	1	1	General repairs.	
Iron, pieces, bolt, 2 ft. 8 in. × ½ in.	—	1	General repairs.	
Iron, pieces, bolt, 2 ft. 8 in. × ⅞ in.	1	—	General repairs.	
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × ¾ in.	1	—	General repairs.	
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × ½ in.	—	1	General repairs.	
Iron, pieces, plate, 1 ft. 6 in. × 6 in. (W.G., No. 12) ..	1	—	General repairs.	
Iron, pieces, tire, 12 in. × 2½ in. × ½ in.	1	1	General repairs.	
Keys, pole pin, No. 17 or 18 pole	1	1		
Locks, spring, box, ammunition	1	1		
Pins, pole, No. 17 and 18 pole	2	1		
Rivets, steel, boss head, 7/16 in. × 1¾ in.	—	3	General repairs.	
Rivets, steel, boss head, 7/16 in. × 1⅛ in.	6	—	General repairs.	
Rivets, steel, boss head, 7/16 in. × ¾ in.	6	—	General repairs.	
Rivets, steel, conical head, ⅜ in. × 3 in.	4	2	Movable steels.	

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Soles, drag, shoe, No. 5	2	1	
Springs, seat, B.L., 15-pr. set	—	1	
Staples, lashing, riveting, $\frac{5}{16}$ in.	2	2	
Staples, lashing, with plate, single box	2	1	
Steels, movable, limber hook	2	1	
Steels, movable, trail eye, or perch	2	1	
Straps, securing, 32 in. × 1 in. B.P.C.B.	4	2	For blankets.
Straps, securing, 13 in. × 1 in.	4	2	Pick axe, bill hook, drag-washer, water brush.
Woolwich Section No. 14.			
Keys, split, round, loop, $\frac{3}{8}$ in. × 4 in.	4	—	
Keys, split, round, loop, $\frac{3}{8}$ in. × $3\frac{1}{4}$ in.	—	2	
Keys, split, round, loop, $\frac{3}{16}$ in. × $2\frac{3}{4}$ in.	6	4	
Keys, split, round, loop, $\frac{1}{8}$ in. × $1\frac{1}{2}$ in.	6	—	
Keys, split, round, loop, $\frac{1}{4}$ in. × $3\frac{1}{2}$ in.	6	—	
Keys, split, round, loop, $\frac{1}{4}$ in. × $2\frac{1}{2}$ in.	—	4	
Keys, split, round, loop, $\frac{1}{16}$ in. × 1 in.	6	—	
Nuts, hexagon, $\frac{1}{2}$ in.	—	2	Footrests.
Woolwich Section No. 19.			
Felloes, *a* No. 35A wheel ordinary	1	1	
Felloes, *a* No. 35A wheel slip	1	1	
Felloes, *a* No. 37 wheel ordinary	1	1	
Felloes, *a* No. 37 wheel slip	1	1	
Spokes, *a* No. 35A wheel back	1	1	
Spokes, *a* No. 35A wheel front	1	1	
Spokes, *a* No. 37 wheel	1	1	

a According to the number of wheel in use in the depôt.

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Army Books and Forms for Equipment.

TABLE 17.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy Note.
183	Regimental Equipment	Account Ledger.
281	„ repairs	Daily Work Book.
Forms.		
G 806	Ammunition gun practice, and for dismissal of recruits..	Requisition.
G 815	„ small-arm	„
G 957	Accoutrements, materials for repairs	„
G 976	Carriages	„
G 980	Stores, materials for repair	Carriers' Note.
G 997	Equipment, general	Requisition.
G 1027	Materials for repairs..	General Requisition.
G 1033	Issue and receipt voucher.	
G 1037	Harness, saddlery and materials for repair	Requisition.
G 1049	Expenditure, transfer and conversion voucher.	
P 1925	Expense voucher, G.S.	

NOTE.—Consumable stores for veterinary purposes are provided under Part I, Equipment Regulations.

Despatch No.....

AMERICAN EMBASSY,
LONDON.

June 30, 1900

~~Lieut.~~ Col. ~~A. E. Bates,~~ ~~Deputy Paymaster General,~~ S. S. Sumner,
Military Attaché. 6th Cav.

(Wt. 5694 2500 6 | 00—H & S 4608)

WAR DEPARTMENT,
Military Information
July 10, 1900
DIVISION.
Adjutant General's Office.

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XI.

ROYAL HORSE ARTILLERY DETAILS.

1—Brigade Division Staffs.

2—Service Batteries.

B.L., 12-pr., 6-cwt. EQUIPMENT.

WAR OFFICE, 1901.

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SHELF.	EQUIPMENT.

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ENCAMPMENTS AND CANTONMENTS. Regns. and Instructions. 1895. Price 9*d*.

EQUIPMENT OF THE ARMY. Regns. Part 1. 1900. Price 1*s*.

Part 2. Details:—Sections—I. Infantry. 1901. Price 4*d*. IA. Mounted Infantry. 1898. Price 2*d*. II. Cavalry. 1899. Price 6*d*. III. Army Service Corps. 1898. Price 6*d*. IV. Army Ordnance Store Corps. 1898. Price 2*d*. V. Royal Army Medical Corps. 1898. Price 2*d*. VI.–IX. Colleges and Prisons. 1898. Price 2*d*. X. Engineer. Price 1*s*. 6*d*. XI. Horse Artillery. 1901. Price 1*s*. XIA. Field Artillery. 1901. Price 9*d*. XIB. Staff and Depôt Batteries. 1901. Price 1*s*. XIC. Riding Establishment. 1901. Price 1*s*. XID. Howitzer Battery. Price 6*d*. XIE. Mountain Artillery. (*In the press.*) XII. Garrison Artillery. Price 5*s*. 6*d*. XIII. Staff Units in Time of War. Price 2*d*. XIV. Remount Depôt at Base. Price 2*d*. XV. Mounted and Dismounted Company of Army Signallers in time of War. Price 2*d*. XVI. Militia, 1899. Price 6*d*.

RECRUITING. Regns. 1900. Price 6*d*.

ARMY BOOK FOR THE BRITISH EMPIRE. (*Out of print.*)

ARMY SERVICE CORPS:—

DRILL AND EXERCISES.
STANDING ORDERS. 1895. Price 1*s*. 6*d*. (*In preparation.*)

ARMY ORDERS. Regns. and Instructions Promulgated to the Army. Monthly. Price 3*d*.

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[*Issued with Army Order, dated 1st April,* 1902.]

EQUIPMENT REGULATIONS, 1901.

PART 2. SECTION XI.

ROYAL HORSE ARTILLERY DETAILS, B.L. 12-pr. 6-cwt.

WAR DEPARTMENT
Adjutant General's Office
MAY 15 1902
MILITARY INFORMATION

AMENDMENTS.

Page 7. Para. 15, second line—
After "marked" *insert* "camp kettles in white; others."

Page 10. *Dele* "Shot B.L. case," *insert* "Shot B.L. or Q.F. case, 15 and 12-pr., Mark V."

Page 17—
Dele Section "XIV," *insert* "XV."
Dele para. "44," *insert* "45."
Insert fresh section and para. as follows:—

"XIV. EQUIPMENT FOR INSTRUCTION IN RECONNAISSANCE.

44. The following will be allowed to each battery of Royal Horse Artillery for the instruction of non-commissioned officers in reconnaissance.

Woolwich Section, No. 29.

Compasses, magnetic, pocket,	2	Peace and War.
Protractors, ivory, 6-inch,	2	

Miscellaneous.

Conventional signs,	6	Stationery Office Supply.
Notebooks for reconnaissance,	6*a*	
Pencils, blacklead,	2*a*	

Rulers, flat, boxwood, 1 foot (marked in inches), 6. { To be purchased locally.

a. Annually."

Page 18. *Dele* Section "XV," *insert* "XVI."

Page 20. "Tools, screw cutting, &c." *Against* "Tip, oil," *insert* "(Mark I)."

Page 24. At end of footnote "*a*" *dele* "chest" and *insert* "store wagon."

Page 25. At end of footnote "*a*" *dele* "store wagon" and *insert* "chest."

(Wt. 250 500 4 | 02—H & S 9344*a*)

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Page 28—
Table 1—

Dele "Scabbards, sword, Cavalry, pattern 1899, Mark I ..	4	3	
Insert "Scabbards, sword, Cavalry, pattern, 1899, Mark I .	1	1	
Dele "Swords, Cavalry, pattern 1899	4	3	
Insert "Swords, Cavalry, pattern 1899	1	1	"

Page 28—
Table 2—

Dele "Belts, waist, buff, Cavalry, pattern 1885 S.S. ..	2	2	
O.R. ..	13	1	"
Insert "Belts, waist, buff, Cavalry, pattern 1885 .. S.S. ..	1	1	
O.R. ..	14	2	"
Against "Knots, sword, buff," *dele* "G.S.	2	2	"
Insert .. .. "G.S. .. .. " "	1	1	"

Dele .... "Cavalry line O.R." and detail.

Page 38, Table 17—
Against "Carbines," *dele* "12 per battery," *insert* 24 per battery."
Dele "Scabbards, sword, Cavalry, pattern 1899, Mark I" "Swords, Cavalry, pattern 1899." } and detail.
Dele footnote "*a*" *insert* "*a* 48 of the normal war establishment are allowed for use in peace for instructional purposes, &c."

Page 39, Table 18—
Dele "case shot," *insert* "shot, B.L. or Q.F. case, 15 and 12-pr., Mark V."

Page 40, Table 19—
Dele "Knots, sword, buff," and detail.
Dele "Whistles, Infantry," *insert* "Whistles, Artillery."

Page 41, Table 20—
Dele "Buttons, brass"
"Hooks, brass, side, Cavalry, line"
"Loops, brass, waist-belt, Cavalry, patt. '85" ... } and detail.
Against "Pieces, leather, buff"
Dele "3 in. × ½ in. (for sword knot)"

Page 49, Table 27—

Dele "Pins, linch, 2nd class, Mark II .. (spare)	1	1	1	1	1	—	1	1	—	9	8	"
Insert "Pins, linch, 2nd class, Mark II .. (spare)	1*f*	1*f*	1	1	1	—	1*f*	1*f*	—	6	5	"
Insert "Pockets, T friction tubes (spare)	—	—	—	—	—	6*bd*	—	—	—	6*bd*	6*bd*	"
Page 50—												
Dele "Washers, drag, 2nd class "C," Mark II (spare)	1	1	1	1	1	—	1	1	—	9	8	"
Insert "Washers, drag, 2nd class "C," Mark II (spare)	1*d*	1*d*	1	1	1	—	1*d*	1*d*	—	6	5	"

Insert footnote "*d* 1 per section."

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Page 51, Table 29—

Insert "Miscellaneous stores *d*..	30	0	—	—	—	—			"

Insert footnote "*d* per battery."

Page 53, Table 32—

Dele "Axes, felling, curved helve.. ..	1	1	1	1	1	—	1	1	—	9	8	"
Insert "Axes, felling, curved helve ..	1	—	1	1	1	—	1	—	—	6	6	"

Page 57, Table 34—

Dele "Couples, trace	2	2	2	2	2	—	2	2	—	18	16	"
Insert "Couples, trace	—	—	2	2	2	—	—	—	—	—	—	"

Pages 58 and 59, Table 34—

Against "Grindstones" *dele* "24-inch *b*," and detail.

Dele "Knives, clasp," and detail.

Dele "Spanners, McMahon, 15-inch	1	—	—	—	—	—	1	—	—	6	6	"
Insert "Spanners, McMahon, 15-inch	1 *l*	—	—	—	—	—	1 *l*	—	—	3	3	"
Dele "Tools, shoeing .. sets	—	—	6	—	—	—	—	—	—	5 *d*	5 *d*	"
Insert "Tools, shoeing .. sets	—	—	6	—	—	—	—	—	—	6 *d*	5 *d*	"
Dele "Jacks, lifting, G.S. ..	—	1	1	—	—	—	—	1	—	4 *g*	4 *gg*	"
Insert "Jacks, lifting, G.S. ..	—	1 *l*	—	—	—	—	—	1 *l*	—	6 *g*	6 *gg*	"

Dele footnote "*b*."

Dele footnote "*g* 1 carried as convenient," *insert* "*g* 3 carried as convenient." *Dele* footnote "*gg* 2 carried as convenient," *insert* "*gg* 4 carried as convenient."

Insert footnote "*l* 1 per section."

Pages 66 and 67, Table 34—

After "Covers, breech B.L."—

Insert "Covers, muzzle, No. 1 (B.L. or Q.F. 12 and 15-pr. and Q.F. 2·95-inch) ..	1	—	—	—	—	—	1	—	—	6	6	"

Dele all items and detail under "Woolwich Section No. 20."

Dele footnote "*g*."

Page 69, Table 34—

Dele "Shot, B.L. case," *insert* "Shot, B.L. or Q.F. case, 15 and 12-pr., Mark V."

Page 71—

Insert: "*Woolwich Section No.* 27.

Leathers, chamois	—	—	—	—	—	1	—	—	—	1	1	For cleaning telescopes, carried as convenient."

Page 77, table 35. *Against* "Straps, securing, 26 in. × 1 in.," in col "For what purpose," *dele* "and swords."

Page 86—

Against "Pockets."

Dele " anyard	1	1	"
Insert " lanyard	1	—	"
Insert " T friction tubes (also lanyard)	—	1	"

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Page 89—
Against "Straps, securing, 26 in. × 1 in., *dele* "(swords) | 2"

Page 91—
Against "Holdalls," *dele* "needles and silk twist | 1"
Against "Straps, securing, 26 in. × 1 in., *dele* "(swords) | 2"

Page 96.
Dele "Straps, securing, 10 in. × 1 in. (billhook) .... | 2 | "
Insert "Straps, securing, 10 in. × 1 in. (billhook) .... | 1 | "
Against "Straps, securing," *dele* "22 in. × 1 in. (swords) | 2 | "
Dele "Straps, securing, 48 in. × 1 in.," *insert* "Straps, securing 54 in. × 1 in."

Page 100—
Against "Leathers, fixture," *dele* "sword | 6 | "

Page 116—
Against "Straps, securing," *dele* "22 in. × 1 in. (swords) | 2 | "

Page 119—
Against "Straps, securing," *dele* "22 in. × 1 in. (swords) | 2 | 2 | "

Page 122—
Against "Straps, securing," *dele* "22 in. × 1 in. (swords) | 2 | "

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CYCLIST DRILL. 1900. Price 2*d.*

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VOLUNTEER FORCE:—

REGNS. 1901. Price 1*s.*

CORPS. Purchase of Land by. 1893. Price 2*d.*

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IN BRIGADE AND REGIMENTAL CAMPS, or when encamped with the Regular Forces. Orders, *&c.*, for. Price 1*d.*

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GUN. Handbooks, viz.:—

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20-PR., R.B.L., of 16 cwt., on Travelling Carriage. (Movable Armament and Volunteer Batteries of Position.) 1898. Price 1*s.*

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15-PR., B.L. (Mark I.) (Field Batteries.) 1898. Price 1*s.*

13-PR. R.M.L., of 8 cwt. (Movable Armament.) 1900. Price 1*s.*

12-PR. of 12 cwt. Q.F. (Land Service.) 1901. Price 1*s.* 6*d.*

9-PR., R.M.L., of 6 cwt. and 8 cwt. (Movable Armament.) 1898. Price 9*d.*

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12-inch B.L. 1899. Price 1*s.* 6*d.*

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XI.

ROYAL HORSE ARTILLERY DETAILS.

1—Brigade Division Staffs.

2—Service Batteries.

B.L., 12-pr., 6-cwt. EQUIPMENT.

WAR OFFICE, 1901.

LONDON:
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PRINTERS IN ORDINARY TO HIS MAJESTY.

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Cassatt.
Despatch No.
AMERICAN EMBASSY,
London,
Nov. 23 1901
MILITARY ATTACHE.

PART 2—SECTION XI.

ROYAL HORSE ARTILLERY DETAILS.

WAR DEPARTMENT,
Adjutant General's Office,
DEC - 5 1901
MILITARY INFORMATION
DIVISION.

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PART 2.

SECTION XI—ROYAL HORSE ARTILLERY.

SPECIAL INSTRUCTIONS AND DETAILS.

I.—SPECIAL INSTRUCTIONS.
II.—DETAILS OF EQUIPMENT.

I.—SPECIAL INSTRUCTIONS.

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I.—EQUIPMENT OF BRIGADE DIVISION STAFFS AND BATTERIES.

Details for batteries, etc.

1. Details of the equipments of brigade division staffs and batteries for Field Service and for use in peace will be found on pages 27 to 81.

2. The equipment for brigade division staffs will be drawn by one of the batteries in each brigade division.

Batteries to be in possession of complete war equipment.

3. Batteries are at all times to have in possession their complete war equipment, on the scale laid down in "war establishments."

Equipment for cavalry brigade batteries.

4. A battery allotted on mobilization to a Cavalry Brigade will draw and hold, the equipment shown on pages 34 to 37.

This equipment will be kept distinct from the mobilization equipment in charge of the unit.

Explanation of the terms, "Peace equipment" and "mobilization equipment in charge of the unit."

5. The equipment of a battery is divided under two headings :—

(*a.*) *Peace Equipment.*—That which is required by the battery for use in peace, according to its peace establishment of men and horses.

(*b.*) *Mobilization Equipment in charge of the unit.*—That which is required to complete the equipment of the battery when raised from a peace to a war establishment.

Method of accounting for stores.

6. The stores will be held on charge in the Battery Equipment Ledger, the peace equipment in the first part, and the mobilization equipment in charge of the unit in the second part.

Rendition of account.

7. The account will be balanced and rendered as laid down in Appendices I and II, Equipment Regulations, Part 1, and not when the mobilization equipment in charge of the unit is handed over to a relieving battery.

Ammunition in mobilization equipment in charge of the unit.

8. The following instructions are to be observed with regard to ammunition in mobilization equipment in charge of the unit, viz. :—

The cartridges will be stored in properly lutened and dated M.L. cases, the tubes, fuzes, and shells grouped according to age and date.

Ammunition should never be taken out of store except on mobilization, or to replenish peace equipment. On no account should ammunition which has been in battery use be returned to mobilization equipment in charge of the unit.

Used articles of harness or saddlery placed in mobilization equipment in charge of the unit to be exchanged.

9. Any articles of harness and saddlery which have been used as peace equipment by batteries on the higher establishment, when taken over by a battery on the lower establishment, should be placed in mobilization equipment in charge of the unit, but they should be exchanged for new at the earliest opportunity. Commanding Officers will ascertain periodically from the Chief Ordnance Officer whether new articles are available, or can be obtained, to meet such exchanges. On receipt of the new stores, they should be placed in mobilization equipment in charge of the unit, and the part worn articles returned to the Army Ordnance Department for disposal.

10. Further instructions regarding mobilization equipment are contained in Equipment Regulations, Part 1.

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11. To enable batteries to carry out the annual course of Military Training laid down in the Field Artillery Drill, 1896, the issue of a complete set of camp equipment for one battery will be made from local ordnance store to each brigade division (or in the case of single battery stations, each station) serving in the district, it being considered undesirable that the articles belonging to the mobilization equipments in charge of units should be used for the purpose. Camp equipment for annual course of instruction of batteries.

12. The stores required should be demanded under the orders of lieutenant-colonels commanding brigade divisions, who will detail the battery to demand, and arrange the sequence in which the equipment is to be handed over from one battery to another. The equipment when no longer required should be returned to Army Ordnance Department by the last battery using it, on the same vouchers as it was originally drawn. Lieutenant-colonels to order, demand, and arrange sequence, &c.

13. Local arrangements must be made to ensure that the complete equipment of the battery in every respect is available, and correctly packed. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district. Completeness and correctness of equipment to be ensured.

14. The general scale of equipment for standing camps and manœuvres should be demanded in accordance with the scale laid down in Equipment Regulations, Part 1. Camp equipment.

II.—MARKING OF EQUIPMENT.

15. Camp kettles, portable magazines, and water-buckets, belonging to the peace equipment of batteries, will be marked in black paint with the letters, "R.H.A." in front, and in the rear with the letter of the sub-division and battery letter, thus, Marking equipment.

$$\frac{\text{“A”}}{\text{P}}$$

Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand to chief ordnance officers of districts, who will arrange for necessary promulgation to the batteries, &c., requiring them.

Bags, kit, R.A., and picketing gear will also be similarly marked, but on the end.

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16. Detailed instructions for marking vehicles and equipment will be found in Equipment Regulations, Part 1.

III.—REPAIRS.

17. Battery commanders are responsible that their equipment is at all times in a serviceable condition. The examination and repair of equipment should be carried out by battery artificers so far as may be possible. When special tools or appliances are required, which are not available with the battery, the battery artificers should be sent, together with the material requiring repair, to the nearest army ordnance department workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair. Examination and repair of equipment.

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Special tools for the repair of field artillery equipment have been issued to the army ordnance workshops at Aldershot, Colchester, Curragh, Devonport, Dover, Haulbowline, Portsmouth, and Tynemouth.

18. Applications for the inspection or repair of equipment which cannot be carried out by battery artificers should be addressed to chief ordnance officers of districts.

IV.—RETURNS.

Returns relating to Artillery Matériel, &c.

19. Army Form G 1085 (return of stores due to batteries from Army Ordnance Department) should be rendered quarterly by batteries, and forwarded to the Principal Ordnance Officer, Woolwich, on the 1st March, 1st June, 1st September, and 1st December in each year. Only stores 3 months in arrear at date of return will be included.

Returns of field ordnance equipped.

20. When any deficiencies are noted by the officer commanding Royal Artillery upon the annual returns of rifled field ordnance equipped, the chief ordnance officer should note on such returns the steps that have been taken to supply the equipments required to complete the batteries.

Ordnance on R.A. charge.

21. Ordnance on Royal Artillery charge will be included in the Annual Return Army Form G 872, rendered on the 1st June by officers commanding Royal Artillery districts in accordance with the King's Regulations.

V.—REGULATIONS FOR THE INSPECTION OF ORDNANCE.

1. General Instructions.

Examination of ordnance by I.O.O.

22. When guns require examination the officer commanding will submit Army Form G 875, with the memorandum of examination, to the chief ordnance officer, who will make arrangements for the examination to be carried out by the inspecting ordnance officer or by the inspector of ordnance machinery. The inspector will make two copies of this form; and on the completion of the examination will enter the sentence on and sign all three. He will pass the original direct to the officer in charge of the gun for transmission to the officer commanding Royal Artillery; the other two copies, with impressions, except in obviously trivial cases, will be forwarded by the chief ordnance officer direct to the chief inspector, Woolwich. The chief inspector, Woolwich, will enter the final sentence, retain one copy, and return the other to the chief ordnance officer, who will retain it after passing to the officer commanding Royal Artillery to note. In the event of the gun being serviceable, the "memorandum of examination" will be returned by the inspector direct to the officer in charge of the gun; if unserviceable he will forward it with the impressions to the chief inspector, Woolwich, who will return it after final sentence through the chief ordnance officer.

At home where there is no I.O.O.

23. In districts at home in which there is no inspecting ordnance officer or inspector of ordnance machinery the chief ordnance officer will forward the requisitions to the chief inspector, Woolwich, who will arrange for the examination to be carried out, and if necessary send an examiner to the station.

Examination of spare parts.

24. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the chief inspector, Woolwich.

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VI.—TARGETS FOR GUN PRACTICE.

Land Ranges.

Targets for land ranges.

25. Exceptional arrangements exist for manufacture and supply of targets used by batteries at practice over the land ranges mentioned in the table at para. 26 (scales A, B and C); the targets are of the pattern described in paragraph 9478 List of Changes in War Matériel, and together with the dummies and other stores are issued in special proportions (*vide* instructions for supply of stores to the various camps, for batteries of horse or field artillery).

VII.—GUN AMMUNITION FOR PRACTICE AND EXERCISE.

Gun ammunition.

26. The annual proportions of gun ammunition for practice and exercise are as follows :—

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Royal Horse Artillery Batteries.

Articles.	Practice.					Annual exercise.	
	Scale A.	Scale B.	Scale C.		Scale D.		
	Land range at Okehampton.	Annual, for all other stations in Great Britain, land ranges.	Ireland, land range.		Colonial and foreign (6 guns).	Higher establishment battery.	Lower establishment battery.
			1st and 2nd year.	3rd year.	Annual.		
	B.L., 12-pr., 6-cwt.	B.L., 12-pr., 6-cwt.	B.L., 12-pr., 6-cwt.	B.L., 12-pr., 6-cwt.	B.L., 12-pr., 6-cwt.		
Woolwich Section No. 22.							
Fuzes, time and percussion, No. 56	715	198	378	358	194	....	....
Tubes, friction, T	790	240	410	390	225	440*a*	315*a*
Woolwich Section No. 22A.							
Cartridges, filled, B.L. { 12-pr., 6 cwt., $12\frac{7}{16}$ oz. cordite, size 5	730	210	390	370	200	....	....
Cartridges, filled, B.L. { 15-pr. or 12-pr., $1\frac{1}{4}$ blank	....	....	....	....	....	390*a*	290*a*
Shell, B.L., filled, shrapnel	715	198	378	358	194	....	....
Shot, B.L., case	15	12	12	12	6	....	....

a 90 rounds of shrapnel shell and 90 rounds of blank ammunition are included in the above numbers for each unit for the dismissal of recruits.

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27. To ensure a proper "turn over" of ammunition, all ammunition fired at annual practice by batteries will be taken from their service equipment, that in peace equipment being used up first. Turn over of ammunition.

Further instructions regarding the turnover of ammunition are laid down in Equipment Regulations, Part I.

Demands to complete equipment will be put forward prior to departure of battery to practice, so that on return to station the ammunition may be in readiness.

In cases where batteries are to change stations after practice, the new station where the ammunition will be required should be clearly indicated on the demand.

28. Canvas covers for cartridges will be returned to store at the conclusion of practice.

29. Gun ammunition will be demanded on Army Form G 806. Any of the annual supply which has not been drawn by the end of the year (31st March) for which it is allowed will be forfeited. Requisitions.

30. In demanding fuzes, tubes, primers, and other laboratory stores supplied in sealed cylinders, the numbers given in the details of equipment will be adhered to as closely as possible; but full cylinders should always be demanded. Cylinders containing these articles will on no account be opened, unless their contents are required for immediate use. Supply of fuzes, tubes, and laboratory stores. Cylinders not to be opened till wanted.

31. The hermetically sealed tin cylinders containing fuzes, issued to royal horse artillery, will be marked by the battery, by scratching on them with a pointed implement, the date on which they are received. Marking fuze cylinders.

Fuzes which have been in possession of the battery the longest time will be used first, without regard to the age of the fuze.

32. Immediately on the close of artillery practice each day, search will be made on the ranges for unexploded projectiles. Rewards will be paid for the recovery of projectiles in accordance with the Army Ordnance Regulations. Search for projectiles after artillery practice. Recovery of projectiles

All fuzed shell will be destroyed where found as laid down in Regulations for Magazines, etc.

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VIII.—TEXT BOOKS, HAND BOOKS, AND RANGE TABLES.

Text and hand books.

33. Text books, hand books, and range tables are issued in the following proportions, and will be held on charge as laid down in Equipment Regulations, Part 1.

Distribution.	Text Books, sets. *a*	Handbooks. *b*	Range Tables.
Lieut.-Colonels commanding brigade divisions	1	2 per nature of field gun in the division.	2 per nature of field gun in the division.
Batteries	—	12 per nature of gun on charge.	12 per nature of gun on charge.
Lecture rooms *c*...	1	1 per nature of ordnance in the district.	1 per nature of ordnance in the district.
Gunnery Instructors *d* ...	1	ditto.	1 ditto.

a The text books referred to comprise the following works:—"Treatise on Ammunition," "Treatise on Military Carriages," "Treatise on Service Ordnance," "Treatise on Service Explosives."

b The following are the handbooks referred to:—

Handbook for nature of gun in use.
" " Telescopic Sights.
" of the Mekometer.

c For use of the Gunnery Instructor, but not to exceed one set per district except in special cases.

d At stations where there are no lecture rooms. At stations where a lecture room for R.A. exists, books will not be issued to the Gunnery Instructor, those in the lecture room being available.

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IX.—NECK COLLARS.

34. When neck collars are stored in mobilization equipment in charge of the unit, the sizes of the same should be in the following proportions :—

Unit.	No. of collars.		Percentage of sizes allowed per unit.							No. of each size allowed per unit.								
	To be held in mobilization equipment in charge of the unit to bring the unit up to normal war scale.	To be issued in addition to normal war scale when specially ordered.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	Total per unit.
Brigade Division Staff R.H.A.	8	..	....	....	....	....	....	....	....	....	1	2	3	2	....	....	8
R.H.A. battery on higher peace establishment	44	....	13	21	24	25	12	3	2	6	9	10	11	5	2	1	44
	....	6								1	1	1	2	1	....	....	6
R.H.A. battery on lower peace establishment ...	64	....	13	21	24	25	12	3	2	8	14	15	16	8	2	1	64
	....	6								1	1	1	2	1	....	....	6

Sizes of neck collars.

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X.—HORSE SHOES.

Scale of horse-shoes.

35. On active service, all horses requiring shoes will be shod with machine-made shoes, which will be supplied according to the following scale, unless otherwise demanded :—

Royal Artillery.

Description.			No. per Cent. R.H.A. Batteries.
Shoes, horse, pairs	No. 3	fore	3
		hind	3
	No. 4	fore	16
		hind	16
	No. 5	fore	28
		hind, without calkins	18
		hind, with calkins	10
	No. 6	fore	32
		hind, without calkins	8
		hind, with calkins	24
	No. 7	fore	11
		hind, without calkins	2
		hind, with calkins	9
	No. 8	fore	4
		hind, with calkins	4
	No. 9	fore	4
		hind, with calkins	4
	No. 10	fore	2
		hind, with calkins	2

60 nails per set of shoes will be issued. Every horse will carry a fore and hind shoe, and sufficient nails in the shoe cases ; the other hind and fore shoe, as well as nails, will be carried regimentally.

XI.—SUPPLY OF STORES FOR THE REPAIR AND PRESERVATION OF EQUIPMENT.

Harness and Saddlery.

Staff of R.A. District.

36. The repair of saddlery and harness, etc., allowed for the staffs of Brigade Divisions and Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Any materials for repair that may be required by Brigade Division Staffs on service will be available from the equipments of Batteries of the Brigade Division.

Ordnance, Carriages, Projectiles, &c.

Reference to the detailed instructions.

37. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the "Regulations for Magazines and Care and Preservation of War Matériel" for the guidance of officers of artillery in carrying out the services therein referred to and of army ordnance officers in supplying such materials and stores as may be from time to time required for performing the same.

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38. The following proportions of lubricants will be allowed annually for wheels and for preservation of straps and leather work for travelling carriages :— Lubricants for wheels, &c.

Dubbing—Batteries,	without wagons,	1 lb. per gun	for straps and leatherwork.
	with ,,	1½ lb. do.	

Grease, Field's, *a*	3 lbs. per wheel	On certificate of commanding officer that they are in constant use.
	½ lb. ditto	When not in constant use

39. As tin closing bands and bottoms of fuze cylinders are liable to become detached through jolting in the limbers, thus causing deterioration of the fuzes, a set of tinman's tools is supplied to each battery, and loose bands and bottoms should be refastened as soon as any such defect becomes apparent. Tinman's tools.

40. T friction tubes, other than Mark I, will, as soon as possible, and not later than 24 hours after firing, be immersed in ordinary mineral oil for 24 hours and, after removal, be allowed to drain. They will then be returned to the chief ordnance officer for transmission to Woolwich to be cleaned and refilled. Half a gallon of oil is required to cover 100 tubes, and about $\frac{1}{10}$ pint per 100 tubes will be used up in the treatment. Treatment of fired friction tubes, T.

a Black grease will be used at all stations abroad, except British North America and St. Lucia.

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XII.—STORES FOR DESTRUCTION OF SHELLS.

41. A set of stores for the destruction of shells, as also such quantity of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the officer commanding Royal Artillery in camp :—

MATERIALS REQUIRED FOR EACH CHARGE.

	No.
Woolwich Section No. 2.	
Bags, sand, common	4
Woolwich Section No. 21.	
Guncotton, { dry primers, H—1·25-in. × 1·25-in.	1
Guncotton, { wet slabs, T $6\frac{1}{8}$-in. × $6\frac{1}{8}$-in. × $1\frac{1}{8}$-in.	4
Woolwich Section No. 22.	
Detonators, electric, No. 13	1

STORES.

Articles.	No.	Remarks.
Woolwich Section No. 7.		
Cloth, emery, fine .... sheets	2	Cleaning ends of wire.
Pliers, side-cutting, 7-inch .... pairs	1	
Woolwich Section No. 18.		
Twine, choking, 3-thread .... lbs.	1	Securing charge.
Woolwich Section No. 28.		
Exploders, dynamo-electric, quantity	1	
Knives, paring, telegraph jointers ...	2	
Solution, india-rubber.... $\frac{1}{2}$-lb. tins	1	Repairing defective wire.
Tape, india-rubber, pure $\frac{1}{4}$-lb. ,,	2	
Woolwich Section No. 29.		
Wire, covered, C 8 .... yards	2,000	Old telegraph cable unfit for general issue would do if available.

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XIII.—SIGNALLING STORES.

42. One "Screen, Manœuvre," will be supplied, on demand, to each battery. This screen will be held on charge, and accounted for as part of the battery equipment.

43. The following will be issued to the undermentioned stations for use of batteries, to be planted in the ground when a battery is in action to denote by the colour of the flag used what it is firing at (*see* "Infantry Drill") :—

Flags, musketry instruction,	red and white	 1	per battery.
	white	 1	
	poles	 2	

Stations.

Woolwich.	Hilsea.
Aldershot.	Salisbury Plain.
Shorncliffe.	Dublin.
Colchester.	Newbridge.

XIV.—MOBILIZATION STORE TABLES.

44. The following army form showing the war equipment to be held by brigade division staffs and batteries will be issued to officers concerned on demand being made for them to the chief ordnance officers of districts :—

No. of Army Form.	Unit.
	FIELD ARMY.
G 1098-13 ..	Battery of Royal Horse Artillery, 12-pr. B.L., 6 cwt., and Brigade Division Staff.

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XV.—SETS OF TOOLS.

(*Referred to in Part* 1, *Equipment Regulations, and in Tables of Details.*)

CHEST, TOOL, FILLED, No. 10.

(Carriage, Smiths, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 10	1
Braces, smiths', bits, countersink rose	1
Braces, smiths', bits, rimer, half-round	1
Braces, smiths', bits, rimer, square	1
Braces, ratchet, 9-inch	1
Braces, ,, 12-inch drills, Nos. 1 to 11 sets	1
Callipers, 6-inch pairs	1
Callipers, 4 ,, inside ,,	1
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × ¼-inch	1
Chisels, engraving	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Chisels, rivet head	1
Chisels, smiths', cold	1
Chisels, smiths', hot	2
Cutters, anvil, flat, smiths', 2-inch	1
Dividers, spring, 6-inch	1
Drivers, screw, G.S., 6-inch	1
Files, bastard, flat, 14-inch	2
Files, bastard, flat, 10 ,,	2
Files, bastard, ½-round, 12-inch	1
Files, bastard, ½-round, 8 ,,	1
Files, bastard, round, 10 ,,	1
Files, bastard, round, 6 ,,	2
Files, second cut, hand, safe edge, 6-inch	3
Flatters, smiths'	1
Fullers, bottom	1
Fullers, top	1
Hammers, fitters', 32-oz.	1
Hammers, ,, 8-oz.	1
Hammers, smiths', hand, 3-lb.	1
Handles, file, middling	2
Handles, file, small	1
Holders, rivet-head, small	1
Plates, screw, B.A. Standard	1

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, side-cutting, 7-inch .... pairs	1
Pokers, smiths	1*a*
Punches, centre, 4½-inch	1
Punches, round, ½-inch × 10-inch	1
Punches, smiths, hot, ½-inch	1
Punches, smiths, hot, ⅜ ,, ...	1
Rods, smiths, iron	4
Rules, armament artificers, 1-foot	1
Rules, saddletreemakers	1
Saws, cutting metal, 10-inch	1
Saws, ,, ,, blades, 10-inch	2
Scribers	1
Slices, farriers	1*a*
Snaps, hand riveting, 7/16-inch	1
Snaps, hand riveting, ⅜ ,, ...	1
Squares, box, fitters, steel, 4-inch, graduated	1
Squares, fitters	1
Squares, smiths, steel....	1
Stocks, drill, bevel-wheel	1
Stocks, ,, ,, bits (set of 6) .... sets	1
Tongs, smiths, fore bit .... pairs	1
Tongs, smiths, hollow bit .... ,,	1
Tool, rounding	1
Travellers	1
Vices, hand, 16-oz.....	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 26.	
Stones, rag	2
Miscellaneous.	
Handbook, military artificers	1

a Carried separately in rear compartment with forge when packed in forge wagon.

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.	
Woolwich Section No. 7.	
38407 Equipment. 1973 Tools, screw cutting, bolt and nut, R.A. field, Whitworth thread, ¾-inch to ⅜-inch, chests filled	1
Detail.	
Chest, empty....	1
Tools, screw cutting, Whitworth thread, — Plates, screws, — large (Mark I)	1
Tools, screw cutting, Whitworth thread, — Plates, screws, — small ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — 1st turn ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — 2nd ,, ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — plug ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — 1st turn ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — 2nd ,, ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — plug ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — 1st turn ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — 2nd ,, ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — plug ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — 1st turn ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — 2nd ,, ,, ...	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — plug ,, ...	1
Tools, screw cutting, Whitworth thread, — Wrenches, — large (Mark I)	1
Tools, screw cutting, Whitworth thread, — Wrenches, — small ,, ...	1
Tools, screw cutting, Whitworth thread, — Tip, oil	1

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CHEST, TOOL, FILLED, No. 3F.
(Wheelers, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 3.	1
Adapters, brace	1
Adzes, carpenters, heads	1
Adzes, carpenters, handles	1
Aprons, basil, brown	2
Augers, $1\frac{1}{4}$-inch	1
Augers, $1\frac{1}{16}$,,	1
Augers, 1 ,,	1
Augers, $\frac{7}{8}$,,	1
Augers, $\frac{3}{8}$,,	1
Augers, $\frac{1}{2}$,,	1
Augers, handles 16-inch	1
Augers, handles $13\frac{1}{2}$,,	1
Augers, handles 12 ,,	1
Awls, blades, brad	12
Awls, handles, brad, large	2
Awls, handles, brad, small	2
Axes, hand, 3-lb.	1
Bags, tool, carpenters'	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits	1
Detail of bits:—	
Centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	—
Countersunk flat	—
Countersunk rose	—
Dowling sash	—
Gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Rimer, square	—
Screwdriver	—
Taper	—
Braces, smiths'	1
Callipers, 6-inch pairs	1
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × $\frac{1}{4}$-inch	2
Chisels, firmer, coachmakers', $1\frac{1}{2}$-inch	1
Chisels, firmer, coachmakers', $1\frac{1}{4}$,,	1
Chisels, firmer, coachmakers', 1 ,,	1
Chisels, firmer, coachmakers', $\frac{3}{4}$,,	1
Chisels, firmer, coachmakers', $\frac{5}{8}$,,	1
Chisels, firmer, coachmakers', $\frac{3}{8}$,,	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	2
Chisels, mortice, $\frac{1}{4}$-inch	1

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Compasses, wing, 7-inch,.... .... pairs	1
Dividers, spring, 6-inch	1
Drifts, steel, round, $\frac{5}{16}$-inch	1
$\frac{7}{16}$,, ...	1
$\frac{9}{16}$,, ...	1
$\frac{11}{16}$,, ...	1
$\frac{13}{16}$,, ...	1
Drivers, screw, G.S., 14 ,, ...	1
6 ,, ...	1
Files, bastard, flat, 14-inch	1
half-round, 14-inch	1
round, 10 ,, ...	2
6 ,, ...	2
3-square, 14 ,, ...	1
dead, smooth, hand, safe edge, 12-inch	1
saw, taper, second cut, $5\frac{1}{2}$-inch	4
single, 4 ,, ...	4
Gauges, carpenters, marking	1
mortice	1
Gimlets, common, No. 1....	1
,, 2....	1
,, 3....	1
Gouges, handled, firmer, 1-inch	1
$\frac{3}{4}$,, ...	1
$\frac{1}{2}$,, ...	1
pecking, 1 ,, ...	1
Hammers, fitters, 32-oz.	1
16 ,, ...	1
8 ,, ...	1
riveting, 24-oz.	1
smiths, sledge, 10-lb.	1*a*
screw	1*c*
handles, 36-inch	1*b*
14 ,, ...	1
Handles, file, middling	2
small	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, ,, ...	1
Pencils, ,, ...	6
Pincers, ,, ... pairs	1
Planes, bead, $\frac{1}{4}$-inch	1
$\frac{3}{8}$,, ...	1
compass	1
jack, double iron	1
plough	1
smoothing, G.S.	1
rabbet, skew	1

54 Arty. 8002

a Included with Ordnance Stores, page 58.
b Carried separately with forge wagon.
c Will be replaced by "Spanner, McMahon, 12-inch," when existing stock is used up.

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, flat-nose, ... pairs	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, centre, 4½-inch	1
Reels, carpenters', line	1
Rules, ,, common	1
Rules, saddletreemakers'	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, hand, 23½-inch	1
Saws, tenon, 14-inch	1
Screws, thumb	1
Scribers	1
Sets, saw, hand	1
Shaves, spoke, 3¼-inch	1
Shaves, spoke, 2½ ,, ...	1
Squares, carpenters', 9-inch	1
Stones, oil, carpenters'	1
Stones, oil, slip, Turkey	1
Tongs, wheeler, fitters' .... pairs	1
Woolwich Section No. 11.	
Chalk, white, ... lbs.	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Miscellaneous.	
Handbook, military artificers	1

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CHEST, TOOL, FILLED, No. 5A.

(Collarmakers and Saddlers.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4-inch	3
Awls, blades, buckling, 2¾ ,, ...	3
Awls, blades, drawing	2
Awls, blades, garnishing, 2¼-inch	2
Awls, blades, garnishing, 1⅞ ,, ...	2
Awls, blades, harness, 1⅞-inch	3
Awls, blades, harness, 1¾ ,, ...	4
Awls, blades, harness, 1⅝ ,, ...	4
Awls, blades, harness, 1⅜ ,, ...	4
Awls, blades, harness, 1¼ ,, ...	3
Awls, blades, pannel, 5¾ ,, ...	2
Awls, blades, pannel, 4 ,, ...	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Clams, collarmakers', ... pairs	1*a*
Claws, nail	1
Compasses, common, 7-inch, ... pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common, No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 8 ,, ...	1
Hammers, riveting, saddle-seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 ,, ...	1
Irons, collar, 23 ,, ...	1
Irons, pricking, 12-stitch	1
Irons, pricking, 8 ,, ...	1
Irons, pricking, 5 ,, ...	1
Irons, seat, stuffing, 14-inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half round	1
Knives, head	1
Lead, punching, collarmakers', 8-lb., ... pieces	1

a An additional pair will be allowed for war. To be separately demanded, and will be carried in the chest.

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Chest, Tool, filled, No. 5A. (Collarmakers and Saddlers)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Mallets, collar	1
Mallets, tinman's	1
Needles, collar, half-moon, 6½-inch	1
Needles, collar, half-moon, 5½ ,,	1
Needles, collar, half-moon, 4½ ,,	1
Needles, collar, packing, 1 ,,	2
Needles, collar, packing, 2 ,,	2
Needles, collar, packing, 3 ,,	2
Needles, collar, packing, 4 ,,	3
Needles, collar, packing, 5 ,,	3
Needles, collar, packing, 6 ,,	3
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers', sewing	100
Needles, saddlers', stitching	25
Palms, collarmakers'	1
Pincers, saddlers' pairs	1
Pliers, flat-nose, ,,	1*a*
Punches, oval, No. 31	1
Punches, oval, ,, 30	1
Punches, oval, ,, 28	1
Punches, oval, ,, 27	2
Punches, oval, ,, 24	1
Punches, oval, ,, 23	1
Punches, oval, ,, 22	2
Punches, oval, ,, 20	2
Rasps, shoemakers', 10-inch	1
Rules, collarmakers', 4-fold	1
Scissors, tailors' pairs	1
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
Tools, edge, ,, 2	1
Tools, edge, ,, 3	1
Woolwich Section No. 26.	
Stones, rag	1
Stones, rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for :—	
Woolwich Section No. 7.	
Cards, towsing, small, pairs	1*b*

a An additional pair will be allowed for war. To be separately demanded, and will be carried in the store wagon.

b Towsing cards will not be issued unless specially demanded. When issued to batteries they will be carried in the limber of forge wagon.

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CHEST, TOOL, FILLED, No. 7.

(Forge and Shoeing Tools.)

Articles.	No.
FORGE TOOLS (1 set).	
Woolwich Section No. 7.	
Chests, tool, empty, No. 7	1
Chisels, farriers', handled	1
Cresses No. 1, Mark II	1
Cresses No. 2	1
Cutters, anvil, flat, smiths' 2-inch	1
Cutters, anvil, half-round, farriers'	2
Cutters, anvil, nail, farriers'	1
54 Gen. No. 7707 **Fullers,** farriers', handled	1
Hammers, farriers', pointing	1
Hammers, farriers', sledge, 9½ lb.	1
Hammers, farriers', turning, Mark III	1
Pokers, smiths'	1
Pritchels, farriers'	3
Slices, farriers'	1
Stakes, farriers'	1
Stamps, farriers'	2
Tongs, farriers', fire pairs	1
Tongs, farriers', turning, large ,,	1
Tongs, farriers', turning, medium ,,	1
Tongs, farriers', turning, small ,,	1
SHOEING TOOLS (1 set).	
Woolwich Section No. 7.	
Aprons, basil, white	1*a*
Bags, tool, farriers'	1*b*
Buffers, farriers'	1
Hammers, farriers', shoeing	1
Knives, drawing, farriers'	2
Knives, searching ,,	1
Pincers, farriers' pairs	1
Rasps ,, 16-inch	2
Stones, rag, farriers'	1

a An additional apron will be allowed for each man undergoing instruction as shoeing smith.

b To be carried strapped inside the bale hoops of the forge wagon.

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DETAILS OF EQUIPMENT

ROYAL HORSE ARTILLERY.

(B.L., 12-pr., 6 cwt.)

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BRIGADE DIVISION STAFFS.

Arms.

TABLE 1.	War Equipment.	Peace Equipment.	Remarks.
Weedon Section.			
Pistols, Webley, ...	15	—	
Pistols, Webley, rods, cleaning, L.S. ..	15	—	
Scabbards, sword, Cavalry, pattern 1899, Mark I	4	3	
Swords, Cavalry, pattern 1899	4	3	

Accoutrements.

TABLE 2.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bags, kit, mounted service	15	3	
Belts, waist, buff, Cavalry, pattern 1885 S.S. ..	2	2	
Belts, waist, buff, Cavalry, pattern 1885 O.R. ..	13	1	
Bottles, water, enamelled, L.S.	15	3	
Cases, brown, pistol, L.S...	15	—	
Handcuffs, common *a* .. .. pairs	1	—	
Knots, sword, buff, G.S.	2	2	
Knots, sword, buff, Cavalry line, O.R.	2	1	
Lanyards, pistol	15	—	
Pouches, ammunition, brown, pistol, Infantry	15	—	
Straps, buff, water-bottle, mounted services	15	3	

a Carried in A. and S. wagon, R.A.

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Musical Instruments.

TABLE 3.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bugles	1	1	
Strings, bugle and trumpet, Royal ..	2	2	
Trumpets	1	1	

Saddlery and Harness. *a*

TABLE 4.	War Equipment.	Peace Equipment.	Remarks.
SADDLERY.			
Woolwich Section No. 6.			
Universal, R.A., steel arch, pattern 1890 .. .. sets	2	2	
HARNESS.			
Woolwich Section No. 5.			
Pole, draught, R.A., lead, single, sets	4	—	
wheel, ,, ,,	2	—	
G.S., R.A. (shaft draught) near, ,, ,,	1	—	
wheel, off, ,, ,,	1	—	

a For details of sets of saddlery and harness, *see* Appendix VIIIb, Part 1, Equipment Regulations.

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Harness and Saddlery.

TABLE 5.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 5.			
Reins, driving, long .. .. sets	1 *a*	—	
Rings, clip	4 *a*	—	
Straps, back	2 *a*	—	
Whips, driving	1 *a*	—	

a Provided in order that the ammunition and store wagon R.A. may be driven from the box if required.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 6.	War Equipment.	Peace Equipment.	Remarks.
HARNESS AND SADDLERY.			
Woolwich Section No. 5.			
Bags, nose, G.S.	22*a*	2	
Brushes, harness, hard	4	—	
Brushes, horse	10	2*b*	
Combs, curry	10	2*b*	
Pickers, hoof	10	2	
Sacks, corn, 4-bushel, canvas	4 *a*	—	
Scissors, trimming .. .. pairs	2	—	
Sponges, 7-drachms	38	6*b*	

a Includes 2 spare. *b* Annual Supply.

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Carriages.

TABLE 7.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 4.			
Carts, Maltese, Mark V*	1	—	For medical equipment.
Covers, cart, Maltese	1	—	
Covers, wagon, G.S., Mark IV ..	1	—	
Pins, linch, 3rd class .. (spare)	1	—	
Washers, drag, 3rd class, "B" ,,	1	—	
Woolwich Section No. 13.			
Hoops, bale, wagon, ammunition and store, R.A., ... sets	1	—	
Pins, linch, 2nd class, Mark II, (spare)	1	—	
Raves, wagon, ammunition and store, R.A., ... pairs	1	—	
Swingletrees, Nos. 7A or 10A, (spare)	1	—	
Wagons, ammunition and store, R.A. ..	1	—	
Washers, drag, 2nd class, "C," Mark II, ... (spare)	1	—	

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Camp Equipment.

TABLE 8.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 2.			
Axes, felling, curved helve	2	—	
Axes, pick, heads, 6½-lbs.	2	—	
Axes, pick, helves, 34½-inch	2	—	
Bags, picketing gear	2	—	
Boxes, candle, F.S.	2	—	
Boxes, stationery, field	2*a*	—	
Buckets, water, G.S., leather	3	—	
Cords, forage	20	—	
Hooks, bill	2	—	
Hooks, reaping, large	2	—	
Kettles, camp, oval, 12-quarts	3	—	
Lanterns, tent, folding	2	—	
Mallets, heel peg, and small picket ..	3	—	
Nets, forage, ... pairs	20	2	
Pads, surcingle, Mark II	10	2	
Pegs, picketing, for heel ropes	20	2	
Pegs, with rope loop, ,, built-up ropes ..	10	1	
Ropes, head, hemp, with ring ..	20	2	
Ropes, heel	22*b*	2	
Ropes, picketing, 4-feet 9-inches ..	21*c*	2	
Rugs, horse, large	1	—	
Shovels, universal	2	—	
Spades, N.P.	2	—	
Tents, complete, circular, single linen ..	7*d*	—	
Woolwich Section No. 27.			
Blankets, G.S.	15*d*	..	1 per N.C.O. and man.

a The army forms, books, and stationery are a Stationery Office supply, and should be demanded accordingly.
b Includes 2 spare.
c Includes 1 spare.
d Only issued when specially ordered.

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Ordnance and General Stores.

TABLE 9.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 3.			
Stretchers, ambulance, Mark I	2	—	
Woolwich Section No. 5.			
Brushes, water, carriage	2	—	
Couples, trace	2	—	
Woolwich Section No. 10.			
Nails, horse shoe (*see* **Shoes,** horse).			
Shoes, horse, *a* .. .. sets (spare)	20 2*b*	2 —	
Woolwich Section No. 11.			
Grease, Field's, ... lbs.	9	—	
Woolwich Section No. 18.			
Cordage, spun-yarn, hemp, 3-thread, tarred, ... lbs.	10	—	
Lashings, tarred, 32-feet, (spare)	2	—	
1½-inch, 16 „ .. „	4	—	
Ropes, drag, light, G.S., ... pairs	2	—	
Woolwich Section No. 23.			
Cartridges, small-arm, ball, pistol, Webley, cordite, Mark II	228	—	1 complete box will be issued.
Woolwich Section No. 25.			
Boards, inventory	2	—	
Knives, opening tins	2	—	
Woolwich Section No. 29.			
Mekometers, Artillery, horse and field, with appurtenances, complete, .. sets (spare)	1	—	

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a To be stored in the following sizes:—

	No. 3.	No. 4.	No. 5.	No. 5, with calkins.	No. 6.	No. 6, with calkins.	No. 7, with calkins.	No. 8, with calkins.
Shoes, horse, ... sets	3	6	2	1	2	3	3	2

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One spare set of shoes with nails for each horse; of these a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, one set in Maltese cart and the remainder in ammunition and store wagon.

b Provided in order that horses joining on mobilization may be re-shod if necessary.

NOTE.—A reserve box of veterinary stores will be supplied to each Brigade Division Staff, on mobilization, by Army Veterinary Department.

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The following equipment (pages 34–37) will be drawn by each battery of Royal Horse Artillery allotted on mobilization to a Cavalry Brigade (*vide* paragraph 4):—

Arms.

TABLE 10.	War Equipment.
Weedon Section.	
Pistols, Webley, ...	2
rods, cleaning, L.S.	2

Accoutrements.

TABLE 11.	War Equipment.
Woolwich Section No. 1.	
Bags, kit, mounted service	2
Belts, waist, buff, cavalry, pattern 1885, O.R.	2
Bottles, water, enamelled, L.S.	2
Cases, brown, pistol, L.S.	2
Lanyards, pistol	2
Pouches, ammunition, brown, pistol, infantry	2
Straps, buff, water-bottle, mounted services	2

Harness, &c.

TABLE 12.	War Equipment.
Woolwich Section No. 5.	
Harness, G.S., R.A. (shaft draught), wheel,*a* — near, single .. .. sets	1
off, ,, ... ,,	1

a For details *see* Appendix VIIIb, Part 1, Equipment Regulations.

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Harness and Saddlery.

TABLE 13.	War Equipment.
Woolwich Section No. 5.	
MISCELLANEOUS ARTICLES AND STABLE NECESSARIES.	
Bags, nose, G.S.	4
Brushes, harness, hard	1
Brushes, horse	2
Combs, curry	2
Pickers, hoof	2
Scissors, trimming .. .. pairs	1
Sponges, 7 drachms	8

Carriages.

TABLE 14.	War Equipment
Woolwich Section No. 4.	
Carts, Maltese, Mark V*	1*a*
Covers, cart, Maltese	1
Pins, linch, 3rd class .. .. (spare)	1
Washers, drag, 3rd class "B" .. .. .. ,,	1

a For medical equipment.

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Camp Equipment.

TABLE 15.	War Equipment.
Woolwich Section No. 2.	
Axes, felling, curved helve	1
Axes, pick, heads, 6½-lbs.	1
Axes, helves, 34½-inch	1
Bags, picketing gear	1
Buckets, water, G.S., leather	1
Cords, forage	4
Hooks, bill	1
Mallets, heel-peg, and small picket	1
Nets, forage, pairs	4
Pads, surcingle, Mark II	4
Pegs, picketing, with rope loop	8
Ropes, head, hemp, with ring	4
Ropes, heel	4
Ropes, picketing, 4-feet 9-inches	4
Shovels, universal	1
Spades, N.P.	1
Tents, complete, circular, single linen	1*a*
Woolwich Section No. 27.	
Blankets, G.S.	2*a*

a Only issued when specially ordered.

WAR DEPARTMENT RECEIVED FEB 29 1900

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Ordnance and General Stores.

TABLE 16.	War Equipment.
Woolwich Section No. 5.	
Brushes, water, carriage	1
Woolwich Section No. 10.	
Shoes, horse, fore and hind, with nails, .. sets (spare)	4
Woolwich Section No. 11.	
Grease, Field's, ... lbs.	3
Woolwich Section No. 18.	
Cordage, spun-yarn hemp, 3-thread, tarred, ... lbs.	5
Lashings, tarred, 1½-inch, 16-feet	4
Ropes, drag, light, G.S., ... pairs	1
Woolwich Section No. 23.	
Cartridges, S.A., ball, pistol, Webley, cordite, Mark II ..	36*a*
Woolwich Section No. 25.	
Boards, inventory..	1

a For filling pouches, and can be found from the surplus in the boxes supplied to the Battery.

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SERVICE BATTERIES.

Arms.

	TABLE 17.	General Proportions.
	Weedon Section.	
	Carbines, M.M. Artillery, Mark II ...	12 per battery.
54	**Pistols,** Webley, *a*	1 per staff-serjeant *c* and 1 per driver.
Art. 8862	rods, cleaning, L.S.....	1 per pistol.
57	**Pull throughs,**	1 per carbine.
3	double	1 per battery (with 2 spare cords and gauzes).
73	**Reflectors,** mirror *b*	1 per battery.
	Scabbards, sword, Cavalry, pattern 1899, Mark I	1 per cavalry sword
	Swords, Cavalry, pattern 1899	All ranks, except drivers, 1 each.

a 25 per cent. of the normal war establishment are allowed for use in peace for instructional purposes, &c.
b For examining interior of barrels.
c Battery serjeant-majors and battery quarter-master-serjeants only.

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Ammunition.

TABLE 18.

	Complete Normal War Equipment,		Peace. Higher Establishment Battery.		Peace. Lower Establishment Battery.		Remarks.
	Mark I* Equipment.	Mark II Equipment.	Mark I* Equipment.	Mark II Equipment.	Mark I* Equipment.	Mark II Equipment.	
GUN.							
Rounds per gun, cartridges, B.L., 12-pr., 6-cwt., $12\frac{7}{16}$ oz., cordite, size 5 ...	140	140	94	90	79	73	
fuzes, T and P, No. 56, Mark IV	140	132	93	84	77	68	
practice	....	....	....	....	....	....	*See* para. 26, page 9.
saluting, $1\frac{1}{4}$ lb. blank, L.G.	....	....	50	50	50*a*	50*a*	*a* 4 guns only.
shrapnel shell	132	126	88	80	74	64	
case shot	8	8	6	6	5	5	
tubes, friction, T....	160	170	110	110	93	90	
SMALL ARM.							
57 Cape 8480 **Cartridges,** small-arm, ball, ·303-inch cordite, for service	....	....	....	...	....	....	20 rounds per carbine.
,, practice....	....	....	....	....	....	....	*See* Part 1, Equipment Regulations.
ball, pistol, Webley, cordite, for service, Mark II	....	....	....	....	....	....	12 rounds per pistol, including officers.*b*
for practice, Mark III	....	....	....	....	....	....	*See* Part 1, Equipment Regulations.
blank, ·303-inch	....	....	....	....	....	....	
pistol	....	....	....	....	....	....	
Puffs, powder, 4-oz.	....	....	50	50	50	50	Annual allowance.
Tubes, friction, copper, solid drawn, special	....	....	60	60	60	60	,,

b Of these 12 rounds for each pistol in peace equipment will be held in battery charge, the remainder in mobilization equipment in charge of the unit.

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Accoutrements.

TABLE 19.	General Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks,—1 each. "Peace" or "War."
Belts, waist, buff, Cavalry, patt. '85 { S.S.	1 per staff-serjeant.
Belts, waist, buff, Cavalry, patt. '85 { O.R.	All ranks except staff-serjeants.
Bottles, water, enamelled, L.S.	1 per N.C. officer and man.
Cases, brown, pistol, L.S.....	1 per pistol.
Handcuffs, common *a* .... pairs	2 per battery.
Knots, sword, buff, { G.S.	1 per staff-serjeant.
Knots, sword, buff, { Cavalry, line, O.R.	1 per cavalry sword other ranks.
Lanyards, pistol	1 per pistol.
Pouches, ammunition, { black-japanned, Artillery	1 per carbine.
Pouches, ammunition, { brown, pistol, Infantry ...	1 per pistol.
Slings, carbine, buff, Artillery *b*	1 per carbine.
Straps, buff, water-bottle, mounted services	1 per water-bottle.
54 Art. 9137 **Whistles,** Infantry	1 per staff-serjt. and serjt.

a Carried in R.A. Store Wagon.
b When existing stock is used up "Slings, rifle, web, G.S.," will be issued.

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Articles for Repair of Accoutrements.

TABLE 20.

	Per Battery. War. 3 months supply	Per Battery. Peace. Annual Supply. Higher Establishment Battery.	Per Battery. Peace. Annual Supply. Lower Establishment Battery.	Remarks.
Woolwich Section No. 1.				
Billets, buff, waist belt, Cavalry, line, all ranks, without buckles	....	6	4	
Buckles, brass, waist-belt, Cavalry, line	...	2	2	
Buckles, brass, waist-belt, Cavalry, patt. '85	....	6	4	
Buttons, brass	....	6	4	
Chapes, waist-belt, Cavalry, patt. '85	....	6	4	
Hooks, brass, side, Cavalry, line	....	2	2	
Loops, brass, waist-belt, Cavalry, patt. '85	....	6	4	
Pieces, leather, buff, 4¼ in. × ¾ in. (for waist-belt safe, patt. '85)	....	6	4	
Pieces, leather, buff, 3 in. × ½ in. (for sword knot)	....	2	2	
Safes, waist-belt, buff, Cavalry	....	2	2	
Short parts, waist-belt, Cavalry	....	6	4	
For Repair of "Bottles, Water, Enamelled."				
Chains, with end rings	....	5	5	
Corks, complete, without chains	....	8	8	
Covers, water-bottle, enamelled	....	15	14	

54
Gen. No.
8037

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Musical Instruments.

TABLE 21.	General Proportions.
Woolwich Section No. 1.	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, Royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

Saddlery and Harness. *a*

TABLE 22.	Per Battery.				Remarks.
	War.		Peace.		
	Complete normal war equipment.	Additional when specially ordered.	Higher Establishment.	Lower Establishment	
SADDLERY. *Woolwich Section No.* 6.					
Universal, R.A. steel arch, pattern '90, ... sets	74	—	63	45	Traces, saddlery, are allowed at the rate of 2 pairs per carriage and ammunition wagon limber; carried on footboards.
HARNESS. *Woolwich Section No.* 5.					
Pole-draught, R.A., *b* — lead, single, sets	62	4	40	26	
Pole-draught, R.A., *b* — wheel, ,,	44	2	22	16	

54
Art. 8882

a For details of sets of saddlery and harness *see* Appendix VIIIb, Part 1, Equipment Regulations

b In order to increase facilities for instruction in riding drill, sufficient stirrup irons, stirrup leathers, and stirrup leather runners may be taken from mobilization equipment to equip each "off" saddle in peace equipment.

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Harness and Saddlery.

TABLE 23.	Peace. Spare, per battery. Higher Establishment.	Peace. Spare, per battery. Lower Establishment.	War. Spare per battery.	Remarks.
HARNESS AND SADDLERY.				
Woolwich Section No. 2.				
Ropes, head, hemp, with ring	6	4	....	
Woolwich Section No. 5.				
Bits, portmouth, reversible, Mark II	5	5	5	
Bits, portmouth, reversible, heads, bridle	2	2	2	
Breechings *a*	1	1	1	
Chains, hame, with dee *a*	2	2	3	
Couples, trace	6	4	6	
Hames *a* .... pairs	3	3	3	
Hooks, pole-bar *a*	6	4	6	
Leggings, drivers *a*	2	2	2	
Links, double *a*	4	4	4	
Pannels, numnah, drivers', Mark I .... pairs	6	4	11	
Pans, oil	3	2	....	Annual supply.
Pieces, buckling, 1½-in. *b*	1	1	2	
Reins, bearing, Mark II *c*....	2	2	4	
Reins, driving, long *d* sets	1	1	3	
Reins, side	1	1	2	
Rings, clip *d*....	4	4	12	
Straps, back *d*	2	2	6	
Straps, breast, breeching *a*	2	2	2	
Straps, flank	2	2	4	
Straps, hame	3	3	3	

a Special to Pole Draught, R.A.
b 1-inch will be issued when stock of 1½-inch is exhausted.
c One "leading rein," in lieu of 1 "bearing rein," per double set, will be issued, until store of former is exhausted.
d Provided in order that the Artillery, and A. and S. wagons, R.A., including that for tents, &c., may be driven from the box if required.

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Harness and Saddlery—*continued.*

TABLE 23.—*continued.*	Peace. Spare, per battery. Higher Establishment.	Peace. Spare, per battery. Lower Establishment.	War. Spare, per battery.	Remarks.
Woolwich Section No. 5—cont.				
Straps, pole *a*	6	4	6	2 per section.
Straps, wither, 1½-in. *b* ...	2	2	2	
Traces, harness, short	9*c*	8*c*	12*c*	
Traces, harness, wheel, ... pairs	1	1	1	
Whips, drivers	4	3	6	
Whips, driving *d*....	1	1	3	
Woolwich Section No. 6.				
Bits, bridoon	2	2	4	
Bits, port-mouth, chains, curb	6	4	6	
Bits, port-mouth, hooks, curb	12	8	12	
Blankets, saddle	2	2	2	
Collars, head, Mark III	3	2	3	
Girths, leather, patt. '84 ...	3	2	4	
54 Art. 8882 **Irons,** stirrup, G.S	....	....	18*e*	
Leathers, stirrup	...	....	18*e*	
Runners, stirrup, leather	....	....	18*e*	
Straps, cloak, and wallet	2	2	2	
Straps, cloak, centre	....	....	2	
Straps, shoe case, pattern 1884	1	1	1	
Surcingles, leather, harness	2	2	2	

a Special to Pole Draught, R.A.
b 1 inch will be issued with pieces buckling 1 inch.
c 1 trace carried on the footboard of each carriage and ammunition wagon limber.
d Provided in order that the Artillery, and Ammunition and Store wagons, R.A., including that for "tents," &c., may be driven from the box if required.
e Additional for use on mobilization as required.

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 24.	General Proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse and 4 spare per battery. *a*
Bridles, mouthing, bits	2 per battery. *b*
Bridles, mouthing, heads, bridle	2 ,, ,, *b*
Bridles, mouthing, reins	2 ,, ,, *b*
Bridles, snaffle	Batteries on higher peace establishment .... 12. *b* Batteries on lower peace establishment .... 8. *b*
Brushes, harness, hard ...	1 per double set of harness.
Brushes, horse	1 per horse annually.
Cavisons	1 per battery. *b*
Combs, curry	1 per horse annually.
Crosstrees	1 per battery. *b*
Pickers, hoof	All ranks—1 each.
Rollers, breaking	1 per battery. *b*
Sacks, corn, 4-bushel, canvas *c d* ..	1 per 12 horses and 17 spare.
Scissors, trimming, ... pairs	1 pair per 12 horses annually.
Sponges, 7-drachms	3 per riding horse, and 4 per draught horse annually.
Straps, kicking *e*	1 per battery.
Whips, hand	4 ,, ,, *b*
Whips, longeing	2 ,, ,, *b*

a For war, 8 spare are allowed per battery.
b For use in peace only.
c For "peace," or "war," carried in A. & S. wagons.
d The 5-bushel sacks now in possession should be continued in use for home service until stock is exhausted.
Special to pole draught, R.A.

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HARNESS AND SADDLERY, &c.

Materials for repair of harness and saddlery, including saddletrees, are given in Appendix XIV, Part 1, Equipment Regulations.

Materials for Preservation of Harness and Saddlery in Mobilization Equipment.

The following is allowed annually for mobilization equipment in charge of the unit, viz. :—

TABLE 25.		Higher Establishment Batteries.	Lower Establishment Batteries.
Dubbing, ...	lbs.	3	4¼
Linen, old, for cleaning, ...	,,	7	9
Naphthaline, ...	,,	4	4
Oil, rape, ...	qts.	10	10
Soap, soft, ...	lbs.	40	45

Materials for Repair and Preservation of Equitation Articles.

TABLE 26.	Peace. — Per Battery.	Remarks.
Woolwich Section No. 5.		
Sponges, 7 drachms	2	Annual supply.
Woolwich Section No. 6.		
Cord, whip, ... ozs.	6	
Woolwich Section No. 11.		
Oil, rape, ... pints	2	
Soap, soft, *a* .... lbs.	6	
Woolwich Section No. 31.		
Linen, old (rags), ... lbs.	½	

a ½ bar of yellow soap may be drawn in lieu of a lb. of soft.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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TABLE 27.

Carriages.

		Normal War Equipment.						Peace Equipment.				
			Wagons.						Wagons.		Per Battery.	
		Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
54 Art. 8406	*Woolwich Section No. 4.*											
	Covers, wagon, G.S., Mark IV *a*	....	....	....	....	1*a*	....	....	....	....	....	....
	Woolwich Section No. 13.											
	Arms, spare wheel, wagon, ammunition and store ...	....	....	....	....	....	1	....	....	....	....	....
	Bars, supporting draught pole, No. 2 (spare)	....	....	....	....	....	3*b*	....	....	....	3*b*	3*b*
	Carriages, field, B.L., 12-pr., 6-cwt., Marks I* or II	....	....	....	....	....	6	....	....	....	6	6
	Carriages, field, B.L., 12-pr., Marks I* or II — FITTINGS (SPARE). blocks, brake, field and transport, Mark II	....	....	....	12	....	....	....	....	....	6*c*	6*c*
	bolts, connecting, supporting stays (brake gear) *d*	....	....	....	2	....	....	....	....	....	....	....
	bolts, connecting, brake arms *d*	....	....	....	2	....	...	....	....	....	....	....
	cap-squares, *e* left	....	....	....	1	....	....	....	....	....	1*c*	1*c*
	cap-squares, *e* right	....	....	....	1	....	....	....	....	....	1*c*	1*c*
	keys, cap-square, Nos. 20, left *f*	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	keys, cap-square, Nos. 21, right *f*	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	keys, cap-square, Nos. 22, *d*	....	....	2	....	....	....	....	....	....	2*c*	2*c*

a For baggage and tents, &c., wagons.
b 1 per section, carried on the platform board of carriage limber.
c Carried as convenient.
d For Mark II carriage only.
e According to Mark of carriage.
f For Mark I* carriages only.

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Carriages—*continued.*

TABLE 27—*continued.*

		Normal War Equipment.						Peace Equipment.				
			Wagons.						Wagons.		Per Battery.	
		Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 13—continued.												
Fittings (spare) continued—												
Carriages, field, B.L., 12-pr., 6-cwt., Marks I* and II	levers, supporting brake block *a*	....	....	1	....	....	....	....	....	....	....	....
	nuts, actuating screw, brake gear *c*	....	....	6	....	....	....	....	....	....	....	....
	pins, axis, rocking lever *b*	....	....	2	....	....	....	....	....	....	....	....
	pins, coupling, connecting rod with split key *a*	....	....	4	....	....	....	....	....	....	....	....
	pins, locking, brake shoe *a*	....	....	3	....	....	....	....	....	....	....	....
	pins, locking, releasing lever *c*	....	....	3	....	....	....	....	....	....	....	....
	ropes, wire, recoil case	....	....	....	2	....	....	....	....	....	1*d*	1*d*
	shackles, wire, rope, large	....	....	2	....	....	....	....	....	....	1*d*	1*d*
	shackles, wire, rope, small	....	....	4	....	....	....	....	....	....	2*d*	2*d*
	springs, spiral, pawl, supporting spade *c*	....	....	2	....	....	....	....	....	....	1*d*	1*d*
	springs, spiral, brake block *a*	....	....	12	....	....	....	....	....	....	6*d*	6*d*
	springs, spiral, recoil, front *c*	....	....	2	....	....	....	....	....	....	1*d*	1*d*
	springs, spiral, recoil, rear *c*	....	....	2	....	....	....	....	....	....	1*d*	1*d*
	wheels, hand, elevating *c*	....	....	....	1	....	....	....	....	....	....	....

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Covers, wagon,	ammunition and store, R.A.	....	....	....	....	1*e*	....	....	....	....	....	....
	artillery	....	....	....	....	....	....	....	....	1	1	1
	forge, R.A.	....	....	1	....	....	....	....	....	....	....	....
	store, R.A.	....	....	....	1	....	....	....	....	....	....	....
Handspikes, traversing, No. 2,	Mark II .... (spare) *a*	..	1*f*	....	....	....	3	....	....	....	....	....
	Mark III .... ,, *b*	....	1*f*	....	....	....	3	....	....	....	....	....
Hoops, bale, wagon, sets,	ammunition and store, R.A.	....	....	....	....	1	....	....	....	....	....	....
	artillery	....	....	....	....	....	....	....	....	1	1	1
	forge, R.A.	....	....	1	....	....	....	....	....	....	....	....
	store, R.A.	....	....	....	1	....	....	....	....	....	....	....
Keys, limber hook, No. 2 .... (spare)		....	....	....	1	....	....	....	....	....	....	....
Limbers,	field, B.L., 12-pr., 6 cwt., Marks I or II — carriage	....	....	....	....	....	6	....	....	....	6	6
	field, B.L., 12-pr., 6 cwt., Marks I or II — wagon	....	....	....	....	....	6	....	....	....	3	2
	wagon, forge, R.A.	....	....	....	....	....	1	....	....	....	....	....
	wagon, store, R.A.	....	....	....	....	....	1	....	....	....	....	....
Pins,	linch, 2nd class, Mark II .... (spare)	1	1	1	1	1	....	1	1	....	9	8
	linch, 2nd class, wagon, artillery, ,,	....	....	....	....	....	....	....	....	1	1	1
	pole, Nos. 17 and 18 poles .... ,,	1 *f*	....	....	....	....	3	1 *f*	....	....	3	3
Poles,	draught, No. 18 (jointed) .... ,,	....	....	....	....	....	3*g*	....	....	....	1*d*	1*d*
	draught, No. 18 (jointed) .... ,,	....	....	....	....	....	4*h*	....	1*h*	....	1*d*	1*d*
	draught, No. 7A .... ,,	....	....	....	....	....	1*i*	....	....	....	....	....
Raves, wagon, ammunition and store, R.A., pairs		....	....	....	....	1*j*	....	....	....	....	....	....
Straps, securing, 36-in. × 1½-in., (spare wheel)		..	....	....	....	....	2	....	....	....	....	....
Swingletrees, No. 10A .... (spare)		1	1	1	3	1	....	1	1	1	10	9
Wagons, ammunition,	and store, R.A.	....	....	....	....	....	3*k*	....	....	....	....	....
	B.L., 12-pr., 6-cwt., Marks I or II	....	....	....	....	....	6	....	....	....	3	2

a For Mark I* carriages only. *b* For Mark II carriages only. *c* According to mark of carriage. *d* Carried as convenient. *e* For supply wagon. *f* 1 per section. *g* For Mark I* equipment carried in A, C and E sub-divisions. *h* For Mark II equipment carried in A, C, E and F sub-divisions. *i* Carried on supply wagon. *j* For baggage and tents, &c. wagons. *k* One ammunition and store wagon (baggage) complete will accompany the battery on change of station by march route, or on manœuvres if required, and will be returned to mobilization equipment in charge of the unit on completion of the same. Includes a wagon for tents, blankets, and reserve rations for use when specially ordered.

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Carriages—*continued.*

TABLE 27—*continued.*

	Normal War Equipment.						Peace Equipment.				
		Wagons.						Wagons.		Per Battery.	
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 13—continued.											
Wagons, artillery	....	....	....	....	....	....	....	....	....	1*a*	1*a*
Wagons, forge, R.A.	....	....	....	....	....	1	....	....	....	....	....
Wagons, store, R.A.....	....	....	....	....	....	1	....	....	....	....	....
Washers, drag, 2nd Class "C," Mark II ....(spare)	1	1	1	1	1	....	1	1	....	9	8
Washers, " wagon, artillery .... "	....	....	....	....	....	....	....	...	1	1	1
Washers, steel, arm, axletree, $\frac{1}{16}$-in. thick	....	1	....	....	....	....	....	...	....	6*b*	6*b*
Washers, 2nd class "C", $\frac{3}{32}$ " "	....	1	....	....	....	....	....	...	....	6*b*	6*b*
Wheels, 2nd Class, "B" No. 28 ....(spare)	....	....	....	....	....	1*c*	....	....	....	....	....
Wheels, 2nd Class, "C" " 35 or 35A .... "	....	....	....	....	....	1*c*	....	....	....	....	....

a Until stock is exhausted—For fatigues, and is to be left behind on change of station. Carried as convenient.

c Carried on baggage wagon.

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Tools for Painting Carriages, &c.

Triennial Supply, during Peace only.

TABLE 28.	Per Battery.	Remarks.
Woolwich Section No. 5.		
Pans, oil	6	When a battery is placed on a war footing, the tools in possession may be retained until used up, but they will not be maintained in the field.
Woolwich Section No. 7.		
Brushes, sable, writing, duck, large	2	
Cans, paint, 7½ inches diameter ...	1	
Cans, paint, 7 ,, ,, ...	1	
Knives, palette, 9-inch	1	
Knives, putty	1	
Woolwich Section No. 25.		
Brushes, paint,*a* ground 0 0 0	1	
Brushes, paint,*a* sash tool, No. 2	2	
Brushes, paint,*a* sash tool, ,, 4	1	
Brushes, paint,*a* sash tool, ,, 6	1	

a Supplied annually.

Materials for Painting Carriages.*a*

Annual supply, during Peace only.

TABLE 29.	Paint Prepared. — Khaki Colour.		Putty.		Mineral Jelly.*b*	
	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.
Woolwich Section No. 13.						
Axletree arm points, &c.	0	0	0	0	3	0
Carriages, field, B.L., 12-pr., 6 cwt. *c* ...	5	12	0	8	...	...
Covers, wagon, ammunition and store, R.A., Marks II to III	9	0	...	...	...	...
Covers, wagon, ammunition and store, R.A., IV ...	11	4	...	...	...	...
Covers, wagon, forge, R.A., Marks I* to III	7	4	...	...	...	...
Covers, wagon, store, R.A., Mark I	7	4	...	...	...	...
Covers, wagon, store, R.A., Other marks	7	8	...	...	...	...
Covers, wagon, Artillery	12	4	...	...	...	...
Limbers, field, B.L., 12-pr., 6 cwt ...	5	8	0	8	...	...
Poles, draught	0	5	0	1	...	...
Wagons, ammunition and store, R.A.	16	0	2	0	...	...
Wagons, ,, B.L., 12-pr., 6 cwt.	6	8	0	8	...	...
Wagons, forge, R.A., with limbers, Marks I* and II	15	0	1	8	...	...
Wagons, store, R.A. (with limbers) ...	14	0	1	8	...	...
Wagons, artillery	15	0	2	0	...	...
Wheels, 2nd class, "B," No. 28	1	0	0	1	...	...
Wheels, 2nd class, "C," No. 35, 35A, or 36	1	8	0	2	...	...
Wheels, 2nd class, "C," ,, 37	1	0	0	1	...	...

a For the carriages and other vehicles forming the mobilization equipment in charge of Batteries, the proportion of paint, &c., should only be issued when they actually require painting.

b For coating bright parts.

c ¼ gill of raw linseed oil for side-arms, to each carriage.

57
Aldershot
6628

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Time and Working Pay allowed for Scraping, Cleaning, and Painting Carriages, &c.[a]

TABLE 30.

	Scraping and cleaning.		Painting.			
			Priming or first coat.		Stopping, or second coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
Woolwich Section No. 13.	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
Carriages, field, B.L., 12-pr., 6 cwt.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
57 Aldershot 6628 — **Covers,** wagon, — ammunition and store, R.A. — Marks II to III	....	....	3 0	0 3	....	....
ammunition and store, R.A. — ,, IV	....	....	3 45	0 $3\frac{3}{4}$	....	....
forge, R.A., Marks I* to III	....	....	2 25	0 $2\frac{5}{12}$	....	....
store, R.A., Mark I	....	....	2 25	0 $2\frac{5}{12}$	....	....
store, R.A., Other marks	....	....	2 30	0 $2\frac{1}{2}$	....	....
Artillery	....	....	4 0	0 4	....	....
Limbers, field, B.L., 12-pr., 6 cwt.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
Wagons, ammunition and store, R.A.	13 0	1 1	13 0	1 $7\frac{1}{2}$	17 0	2 $1\frac{1}{2}$
,, B.L., 12-pr., 6 cwt.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
forge, R.A., with limbers, Marks I* and II	16 0	1 4	13 30	1 $8\frac{1}{4}$	18 0	2 3
store ,, ,, ...	15 0	1 3	12 30	1 $6\frac{3}{4}$	17 0	2 $1\frac{1}{2}$
artillery	13 0	1 1	13 0	1 $7\frac{1}{2}$	17 0	2 $1\frac{1}{2}$
Wheels, 2nd class, "B," No. 28	0 25	0 $0\frac{5}{12}$	0 40	0 1	0 45	0 $1\frac{1}{8}$
"C," No. 35, 35A, or 36	0 40	0 $0\frac{2}{3}$	0 50	0 $1\frac{1}{4}$	1 0	0 $1\frac{1}{2}$
"C," ,, 37	0 25	0 $0\frac{5}{12}$	0 40	0 1	0 45	0 $1\frac{1}{8}$

[a] See Part I, Equipment Regulations.

Materials, Time, and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 31.

	Khaki colour, each coat.	Lacquer, for bore, each coat.	Cleaning exterior and interior.		Painting exterior and lacquering interior, one coat.	
			Time.	Amount.	Time.	Amount.
	lbs. ozs.	lbs. ozs.	H. M.	s. d.	H. M.	s. d.
Ordnance, B.L., 12-pr., 6 cwt.	0 6	0 $1\frac{3}{4}$	2 0	0 2	0 30	0 $0\frac{3}{4}$

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Camp Equipment.

TABLE 32.

	Field Service.						Peace Equipment.					General Proportions.
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 1.												
Bags, kit, R.A.	....	4	2	....	...	....	....	4	....	12	8	
Woolwich Section No. 2.												
Axes, felling, curved helve	1	1	1	1	1	....	1	1	....	9	8	
Axes, pick, heads, 6½ lbs.	1	1	1	1	1	....	1	1	....	9	8	
Axes, pick, helves, 34½ in.	1	1	1	1	1	..	1	1	....	9	8	
Bags, picketing gear	1	1	1	3 *a*	1	....	1	1	....	9	8	
Bars, crow, 5-ft. 6-in.	....	.	....	1	....	....	...	....	....	....	....	
Boxes, candle, F.S.	....	....	2	2	.	....	....	...	....	....	....	
Buckets, water, G.S., leather	4	2	2	2	2	....	4	2	....	30	28	
Cords, forage	....	....	....	....	....	....	....	....	....	....	....	1 per horse.
Covers, saddle *b*.... ..	....	....	....	....	....	....	....	....	....	....	....	1 per set of saddlery and harness.

a 2 bags contain the remaining picketing gear not carried on horses and the footboards of vehicles.
b These are for protection of saddlery and harness in camp.

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Camp Equipment—*continued.*

TABLE 32—*continued.*

	Field Service.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	General Proportions.
Woolwich Section No. 2—continued.												
Hooks, bill	1	1	1	1	1	....	1	1	....	9	8	
Hooks, reaping, large	....	....	....	24	2	..	....	....	....	...	....	
Kettles, camp, oval, 12-qts.	....	....	....	..	....	14 *a*		....	....	....	....	
Lanterns, tent, folding...	....	.	2	2	....	....	....	...	....	....	....	
Mallets, heel-peg and small picket	2	2	2	2	2	....	2	2	....	18	16	2 per vehicle.
Nets, forage .... pairs	....	....	....	....	....	191	....	....	....	125	87	1 pair per horse.
Nets, hay .... ,,	....	....	....	....	....	....	....	....	....	....	....	1 per horse at home stations only—when required.
54 Art. 8202 **Pads,** surcingle, Mark II	....	....	....	....	....	180	....	....	....	125	87	1 per surcingle.
Panniers, grocery, G.S.	.	....	..	..	1	2	....	....	....	....	....	
Pegs, picketing, with rope loop, for heel rope	6	6	6	4	6	191 *b*	6	6	....	125	87	1 per horse.
Pegs, picketing, with rope loop, for built-up rope	4	4	4	4	4	96 *c*	4	4	....	63	44	1 per 2 horses.
Racks, arm, tent	....	....	....	....	....	7 *d*	....	.	....	2 *e*	2 *e*	
Ropes, head, hemp, with ring	.. .	...	....	...	....	191	....	. ..	....	125	87	1 per horse.
Ropes, heel *f*	....	....	....	..	....	220	....	....	..	144	100	1 per horse and 15 per cent. spare.

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Ropes, picketing, 4-feet 9-inches *g*	6	6	6	4	6	201	6	6	....	131	91	1 per horse and 5 per cent. spare.
Rugs, horse, large *h*	....	....	....	....	....	10	....	...	....	6	4	5 per 100 horses.
Shovels, universal	....	....	....	....	1	....	....	....	....	....	....	
57 **Spades,** N.P.	2	2	2	2	1	....	2	2	....	18	16	
Gen. No. 229 **Tents,** complete, circular, single linen *i*	....	....	....	....	....	15*d*	....	....	....	2*e*	2*e*	
Wedges, sawyers, steel, { 10-in.	....	....	1	....	....	....	....	....	....	....	....	
7-in.	....	....	2	....	....	....	....	....	....	....	....	
Woolwich Section No. 26.												
Stones, rub, scythe	....	....	....	1	....	1	....	....	....	....	....	
Woolwich Section No. 27.												
Blankets, G.S. *j* ...	2	4	.	....	....	....	2	4	....	24	20	1 per N.C. officer and man. *d*

a Carried in baggage wagon, or distributed amongst the other vehicles of the battery, at the discretion of the officer commanding.
b Includes 6 for private horses carried on store wagon.
c Includes 33 carried on store wagon.
d Only issued when specially ordered.
e These are for drill purposes. They will be carried as convenient. On mobilization they will be returned to store.
f Carried on the horse (riding and draught). The "spare" 1 on each vehicle on footboards, remainder (19) on store wagon.
g These are carried as under :—

91 for riding and spare draught horses...	On the horse.
94 for draught horses	On the footboards of limbers and wagons.
10 spare, and 6 for spare "officers" horses	On store wagon.

For sick horses.
Spare mallets, pins, and poles are provided in the proportion of 5 per cent. upon the number issued.
The remainder of the blankets are carried in the A. and S. wagon for tents, &c., when specially ordered.

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Implements, Butchery.[a]

(Carried on Wagon, Store, R.A.)

TABLE 33.	War.	Peace.	
		Per Battery.	
	Per Battery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 26.			
Implements, butchers'—			
Balances, spring, 4-lb.	1	1	1
Cases, wood	1	1	1
Choppers, meat	1	1	1
Hooks, butchers', dressing 9-inch [b]	6	6	6
Knives, butchers', cutting	1	1	1
Knives, butchers', flaying, large	1	1	1
Saws, tenon, 14-inch	1	1	1
Sheets, ground (unserviceable) [c]	1	1	1
Steels, butchers'	1	1	1
Steelyards, 56-lbs.	1	1	1

[a] Implements for use in camp during peace to be demanded under Part I, Equipment Regulations.

[b] Hooks, butchers', S flat, plain, 6-inch, will continue in use until worn out.

[c] To place the cut-up meat upon. A chopping block, if required, must be improvised.

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Ordnance and General Stores.

TABLE 34.

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 5.												
Brushes, water, carriage	1	1	1	1	1	....	1	1	....	9	8	
Couples, trace	2	2	2	2	2	....	2	2	....	18	16	
Woolwich Section No. 7.												
Cases, saw, hand	....	1	....	....	....	....	....	1	....	3	2	
Chests, tool, filled, *a* — No. 3 F *b* ...	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.
Chests, tool, filled, *a* — ,, 5 A	....	....	....	1	....	....	....	....	....	2	2	Carried as convenient.
Chests, tool, filled, *a* — ,, 7 Mk. II *c*	....	....	...	....	....	....	....	....	....	1	1	Carried as convenient.
Chests, tool, filled, *a* — ,, 10 *b*	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.
Chests, tool, screw-cutting bolt and nut, R.A. field, Whitworth thread, ¾-inch to ⅜-inch, filled, *a*....	....	....	....	....	....	1	....	....	....	1	1	Carried as convenient.
54 Art. 8738 **Chisels,** ripping	....	....	....	....	1 *d*	....	....	....	...	1	1	Carried as convenient.
Cutters, wire, ...	1	....	....	...	....	....	1	....	....	6	6	
Cutters, wire, springs (spare)	2	....	....	....	....	12	2	....	....	12	12	
Cutters, wire, cutters ,,	4	....	....	....	....	24	4	....	....	24	24	

54 Art. 7494 40116 6404

a For contents of chests *see* pages 18–26.

b When a battery is placed on the War Establishment, the smiths' and wheelers' tools are carried in special chests forming part of the forge wagon, and the ordinary chests returned to store. These tools will then be taken on charge, as "Tools, sets, No. 3 F.....1," and "Tools, sets, No. 10.....1," respectively. Four sponge cloths and a book for military artificers are carried with the wheelers' and with the smiths' tools.

c On mobilization this chest will be emptied and returned to store.

d Carried in locker under rear of ammunition and store wagon for baggage.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 7—continued.												
Drivers, screw, G.S. 4-inch	1	1	....	....	....	....	1	1	....	9	8	
Drivers, screw, G.S. 9 ,,	....	....	....	....	1*a*	....	....	....	....	1	1	Carried as convenient.
Grindstones, F.S., 10-inch	....	....	1	....	....	....	....	....	....	1	1	
Grindstones, 24-inch *b*	....	....	....	....	....	1	....	....	....	....	....	
Hammers, claw, 20-oz.	1	....	....	....	....	....	1	....	....	6	6	
Hammers, riveting, 24-oz.	....	....	....	....	1*a*	....	....	....	....	1	1	Carried as convenient.
Hammers, smith's sledge, 10-lb.	....		1	1	....	....	....	....	....	1	1	
Knives, clasp	....	1	....	....	....	....	....	1	....	3	2	
Nail pullers	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.
Pincers, carpenters', pairs	1	....	....	....	....	....	1	....	....	6	6	
Saws, hand, 26-in.	....	1	....	....	....	....	....	1	....	3	2	
54 Gn. No. 7707 **Spanners,** McMahon, 15-in.	1	....	....	....	....	....	1	....	....	6	6	
Tools, forge, sets	....	....	1	....	....	....	....	....	....	1 *c*	1 *c*	
Tools, shoeing, ,,	....	....	6	....	....	....	....	....	....	5 *d*	5 *d*	
Tools, tinman's, *e* ,,	....	....	1 *e*	....	....	....	....	....	....	1	1	Carried as convenient.
Vices, bench, saddletree-makers'	....	....	1	....	....	....	....	....	....	1 *f*	1 *f*	

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Woolwich Section No. 10.												
Jacks, lifting, G.S.....	....	1	1	....	....	....	....	1	..	4*g*	4*gg*	
Locks, pad, iron, 2-inch (spare)	....	....	1	3	....	....	....	....	....	....	....	
Nails, horse shoe (*see* Shoes, horse)	....	....	....	....	....	....	....	....	....	....	....	
38407 Equipt. 2025 **Shoes,** horse, *h* sets (spare)	....	..	89½ *i*	....	3	191*j*	....	....	....	....	...	One spare set of shoes with nails for each horse; of these, a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, 3 sets in each A. and S. wagon (*see* footnote "*i*"). and the remainder in the forge wagon.
	....	....	....	....	....	30*jj*	....	....	....	....	....	
Woolwich Section No. 11.												
Cylinders, paint, No. 3 ...	....	....	....	3	...	....	....	....	....	3	3	Carried as convenient. For mineral jelly.
Grease, Field's, ... lbs.	3	31	3	3	6	....	3	31	6	117 *k*	86 *k*	Annual allowances, 126 lbs. for higher establishment batteries, and 70 lbs. for lower establishment batteries.

a Carried in locker under rear of ammunition and store wagon for "baggage."
b For sharpening swords. To be returned to Ordnance Store before the mobilized unit leaves for place of concentration.
c Issued with "Chest, tool, filled, No. 7."
d 1 set for each farrier and shoeing smith, including the set allowed with "Chest, tool, filled, No. 7," and 1 set for instructional purposes. The set issued for instructional purposes will, on mobilization, be returned to store.
e The tinman's tools consist of—1 groover; 1 iron, soldering; 1 mallet, tinman's; 1 pair shears, tinman's Scotch, and a small allowance of solder, and these, together with 4 sponge cloths, will be carried on active service in a drawer of the forge wagon with the smiths' tools.
f Belongs to forge wagon, but in peace, is held on peace equipment charge, and is carried as convenient.
g 1 carried as convenient. *gg* 2 carried as convenient.
h For regulations as to horse shoes *see* Sect. IX, Part I (Peace) and Paragraph 35 of Special Instructions, page 14.
i In addition to which 3 sets, with the nails sewn up in canvas, will be carried in the locker under the rear of each ammunition and store wagon, "baggage" and "supply."
j Includes 95½ sets carried with nails in shoe cases.
jj Provided in order that horses joining on mobolization may be re-shod if necessary.
k ½-lb. per wheel per annum will be allowed, in addition, for vehicles in mobilization equipment in charge of the unit.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 11—continued.												
Mineral Jelly *a* .... lbs.	....	....	....	9	....	..	....	....	....	9	9	For protection of bore and breech fittings.
Oil, *b* olive, best quality, lubricating *c* .... pints	....	....	6	....	....	....	....	....	....	12 *d*	12 *d*	Annual supply.
Oil, *b* Rangoon .... ,,	1½	1	12	2	....	..	1	1	....	48 *d*	33½ *d*	Annual supply.
Sacks, coal, 2 cwt., tarred, empty	....	....	1	...	....	....	....	....	....	....	....	
Sacks, coal, 2 cwt., tarred, filled (112 lbs.)	....	....	1	....	....	....	....	....	....	....	....	
Tallow, Russian *c* .... lbs.	....	....	....	6	....	....	....	....	....	12 *d*	12 *d*	Annual supply.
Woolwich Section No. 13.												
Boxes, cartridge, B.L., 12-pr. *e* ...	9	25	....	....	....	....	9	25	....	129	104	
Boxes, 15 or 12-pr., 1¼-lb. blank *e*	....	....	....	....	....	....	....	....	....	12	12	To be carried in limbers or wagons, as required.
Cans, lubricating, No. 9	1	....	....	....	....	....	1	....	....	6	6	
Cartouches, B.L., 12-pr., 6 cwt. limber *f*	2	2	....	....	....	....	2	2	....	18	16	
Cartouches, B.L., 12-pr., 6 cwt. wagon *f*	....	2	....	....	....	....	....	2	....	6	4	
54 Art. 7494 **Holdalls,** cleaning materials	....	....	....	....	...	....	....	...	....	6	6	To replace "Cartouches, leather," when those on charge are used up.
Magazines, portable, B.L., 15-pr. and 12-pr. 6 cwt. cordite *f*	2	4	....	....	....	....	2	4	....	24	20	

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Posts, aiming { blue disc / red ,, }	2	....	....	....	....	....	2	....	....	12	12
Trays B.L. fittings — R.A. Store Wagon—											
No. 2, Mark II wagon } 12 and 15-pr.	....	....	....	1	....	....	..	....	...	....	....
,, 3, Mark I wagon } Marks II to IV. guns	....	....	....	1	...	....	....	....	....	....	....
,, 4, Mark I wagon } 12 and 15-pr.	....	....	....	1	....	...	....	....	....	....	....
,, 5, Mark II wagon } Mark I guns	....	....	....	1	....	....	....	....	....	....	....
Woolwich Section No. 14.											
Handspikes, common, 6-feet	....	1	....	....	....	....	....	1	....	3	2
Woolwich Section No. 17.											
Covers, bracket, telescopic, sight, B.L., 15 and 12-pr.	1	....	....	....	....	....	1	....	....	6	6
Ordnance, B.L., 12-pr., 6-cwt.	....	....	....	....	....	6	....	....	....	6	6
FITTINGS (SPARE).											
Ordnance, B.L., 12-pr., 6-cwt., Mark I. bolts, { elevating	....	....	6	....	....	....	....	....	...	1*d*	1*d*
Ordnance, B.L., 12-pr., 6-cwt., Mark I. bolts, { stop	....	1*g*	....	....	....	1	....	1*g*	....	1	1
Ordnance, B.L., 12-pr., 6-cwt., Mark I. brackets, telescopic sight, (with 2 fixing screws, A and B)	....	....	....	3	....	....	....	....	....	....	....
Ordnance, B.L., 12-pr., 6-cwt., Mark I. collars, actuating T tube	....	3	....	....	....	....	....	3	....	9	6

a See paragraph 483 Magazine Regulations, 1899, 3 oz. of mineral jelly per gun will be allowed for one application.
b For war, 3 months' supply. *c* For preservation of obturating pads. *d* Carried as convenient,
e For Mark II limbers and wagons. *f* For Mark I limbers and wagons.
g Carried in "A" Subdivision.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*

	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons.				Per Battery.	Gun Carriage and Limber.	Wagons.		Per Battery.		
		Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.			Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 17—continued.												
FITTINGS (SPARE)—*contd.*												
Ordnance, B.L., 12-pr., 6 cwt., Mark I—continued. discs, pad, obturating, adjusting	1	1	....	....	....	....	1	1	....	9	8	
discs, pad, obturating, protecting, sets	1	1	....	....	....	....	1	1	....	9	8	
levers, cam	....	1*a*	....	....	....	3	....	1*a*	....	1	1	
pads, obturating	1	1	....	....	....	....	1	1	....	9	8	
pins, keep, elevating bolt	....	2	....	....	....	....	....	2	....	6	4	
pins, keep, hinge, bolt, carrier ring	....	2	....	....	....	....	....	2	....	6	4	
rings, carrier....	....	....	....	1	....	....	....	....	....	....	....	
screw, breech ..	....	....	....	1	....	....	....	....	....	....	....	
springs, catch vent, T, axial	....	2	....	....	....	....	....	2	....	6	4	
springs, clip, carrier, ring	....	2	....	....	....	....	....	2	....	6	4	
springs, stud, catch ...	....	4	....	....	....	....	....	4	....	12	8	
springs, stud, retaining, foresights	....	4	....	....	....	....	....	4	....	12	8	
vents, T, axial ...	1	1	....	....	....	....	1	1	....	9	8	

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Ordnance, B.L., 12-pr. 6-cwt., Marks II–IV., bolts, elevating.... ...	....	....	6	....	....	....	....	....	....	6	6
brackets, telescopic sight with 2 fixing screws, A and B	....	....	....	1	....	....	....	....	....	....	....
boxes, slide	....	1*b*	....	....	....	3	....	1*b*	....	1	1
blocks, retaining tube....	....	1*b*	....	....	....	3	....	1*b*	....	1	1
carriers	....	....	....	1	....	...	....	....	....	....	....
extractors, box, slide ...	....	1	....	....	....	....	....	1	....	3	2
levers, breech mechanism	....	....	....	3	....	....	....	....	....	....	....
obturators, pads, with front and rear protecting discs	1	1	....	....	...	....	1	1	...	9	8
discs, adjusting obturator	1	1	....	....	....	....	1	1	....	9	8
pinion, link	....	1*c*	....	....	....	1	....	1*c*	....	1	1
pins, keep, split, 2 in. × ·192 in.	6	....	....	....	.	....	6	....	....	36	36
pins, keep, split, ·7 in. × ·08 in.	6	....	....	....	....	....	6	....	....	36	36
pins, keep, split, ·35 in. × ·05 in.	6	....	....	....	....	....	6	....	....	36	36
pins, keep, elevating bolt..	6	....	....	....	....	....	6	....	....	36	36
screws, breech	....	....	....	1	....	....	...	....	....	...	....
springs, catch, retaining, breech mechanism lever	3	....	....	....	....	....	3	....	....	18	18
springs, catch, retaining, breech screw ...	3	....	....	....	....	....	3	....	....	18	18
springs, extractor	3	....	....	....	....	....	3	....	....	18	18
springs, guide bolt..	3	....	....	....	....	....	3	....	....	18	18
springs, vent, T, axial	3	....	....	....	....	....	3	....	....	18	18
vents, T, axial	1	1	....	....	...	....	1	1	....	9	8

a 1 per section. *b* 1 per section carried in "A," "C," and "E" Subdivisions. *c* Carried in "A" Subdivision.

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Ordnance and General Stores.

TABLE 34—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section, No. 17—APPURTENANCES AND IMPLEMENTS.												
Bits, vent, 14-in. *a*....	1	....	....	....	....	....	1	....	....	6	6	
Boxes, obturating pads and discs, B.L., 15-pr. and 12-pr., Mark II *b*	1	1	....	....	....	....	1	1	....	9	8	
Boxes, obturator, steep coned, B.L., 15-pr., and 12-pr., Marks II–IV guns	1	1	....	....	....	....	1	1	....	9	8	
Clamps, tangent sight, B.L., 15 and 12-pr., Mark II *b*	2	....	....	....	....	....	2	....	....	12	12	
Clamps, tangent sight, B.L., 15 and 12-pr., (spare) *b*	....	1*c*	....	....	....	3	....	1*c*	....	1	1	
Ordnance, B.L., Wrenches, breech, mechanism "A" *b*	1	1	....	....	....	....	1	1	....	9	8	
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., 6 cwt., Marks II–IV, A	1	....	....	....	....	....	1	....	....	6	6	
Ordnance, B.L., 15-pr., Marks II–IV, and 12-pr., 6 cwt., Marks II–IV, B	1	....	....	....	....	....	1	....	....	6	6	
Ordnance, B.L., Wrenches, breech, mechanism C	1	....	....	....	....	....	1	....	....	6	6	
Rimers, vent T	1	....	....	....	....	....	1	....	....	6	6	
Rimers, ,, (spare)	1	1	....	....	....	....	1	1	....	9	8	

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Sights, B.L. *e* — fore, 15 and 12-pr. — Mark II. — Mark I gun	2	....	....	....	....	....	2	....	....	12	12
Mark II. — Marks II and III guns	1	....	....	....	....	....	1	....	....	6	6
Mark III (Mark IV guns)	1	....	....	....	....	...	1	....	....	6	6
(spare)	....	1*c*	....	....	....	3	....	1*c*	....	1	1
tangent — 12-pr. 6 cwt. Mark I gun	2	....	....	....	....	....	2	....	....	12	12
12-pr. Marks II and III guns, Mark II	1	....	....	....	....	....	1	....	....	6	6
12-pr. Mark IV gun, Mark III	1	....	....	....	....	....	1	....	....	6	6
(spare)	....	1*c*	....	....	....	3	....	1*c*	....	1	1
telescopic 12-pr. 6 cwt. — Mark III (Mark I guns)	1	1*c*	....	....	....	7	1	1*d*	....	7	7
Mark IV (Marks II to IV guns)	1	1*d*	....	....	....	7	1	1*d*	...	7	7
Woolwich Section No. 18.											
Brushes, breech screw	1	....	....	....	....	....	1	....	....	6	6
Caps, sponge, No. 4	....	1	....	....	....	1	....	1	....	1	1
" " 6	2	....	....	....	....	....	2	....	....	12	12

a 11-in. to be retained until unserviceable. *b* For Mark I guns only. *c* 1 per section carried in "A," "C," and "E" Subdivisions.
d Carried in "A" Subdivision. *e* The mark of gun must be stated in all demands.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 18—continued.												
Cleaners, piasaba, B.L., 15 and 12-pr.	1	....	....	....	....	....	1	....	....	6	6	
Cleaners, wool, B.L. 15 and 12-pr., and Q.F. 12-pr., 8 cwt...	1	....	....	....	....	....	1	....	....	6	6	
Cloths, sponge	....	....	....	....	....	60*a*	....	....	....	60*a*	60*a*	
Cordage, hawser, 3-strand, tarred, ¾-in. fathoms	....	....	....	56	....	....	....	....	....	12½	12½	
Cordage, spun yarn, hemp, 3-thread, tarred lbs.	....	....	....	....	5	....	....	....	....	....	....	
Covers, breech, B.L., 12-pr. Mark I gun	1	....	....	....	....	....	1	....	....	6	6	
Covers, breech, B.L., 15-pr. Marks II to IV, and 12-pr. Marks II to IV guns	1	....	....	....	....	....	1	....	....	6	6	

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Lashings, tarred, 1-in. × 10-ft.	....	3*b*	....	....	4*c*	....	....	3*b*	....	3	3	
Lashings, tarred, 1½-in., 32-ft. (spare)	....	...	....	....	2	...	....	..	....	...	....	
Lines, Hambro'	....	....	....	....	3*d*	6	....	....	....	3*d*	2*d*	
	....	1*e*	....	....	..	....	....	1*e*	....	3*e*	2*e*	
Marline, white .... lbs.	....	....	....	....	3*d*	6	....	....	.	3*d*	3*d*	
	....	1*e*	....	....	...	....	....	1*e*	....	3*e*	2*e*	
Rammers, B.L., 12 and 15-pr.	1*e*	....	....	....	....	....	1*e*	....	..	6*e*	6*e*	
Ropes, drag, light, G.S., pairs	1	1	1	1	1	....	1	1	....	9	8	
Sponges, R.M.L., 13-pr., jointed, Mark II.....	....	1	....	....	....	1	....	1	....	1	1	
Tow, coarse, ... lbs.	....	....	....	....	....	6*f*	....	....	....	6*f*	6*f*	
Woolwich Section No. 20.												
Cases, powder, M.L. Keys	....	1	....	....	....	....	...	1	....	3	2	
Needles, magazine, P.B., 4-inch	....	1	....	....	....	....	....	1	...	3	2	
Scissors, magazine, pairs	....	1*g*	....	....	....	3	....	1	....	1	1	
Silk twist, ... ozs.	....	2	....	....	....	....	....	2	....	6	4	
Woolwich Section No. 21.												
Puffs, powder, 4-oz.	...	....	....	....	....	....	...	....	....	50	50	Annual allowance.
Puffs, powder, pins ...	....	....	....	...	....	....	....	....	....	6	6	Annual allowance.

a 10 per gun in ammunition boxes, as convenient. *b* For each ammunition wagon carrying a spare No, 18 pole.
c For ammunition and store wagons carrying spare wheel B No. 28. *d* For Mark I* equipment. *e* For Mark II equipment.
f For packing stores generally. *g* 1 pair per section.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons.				Per Battery.	Gun Carriage and Limber.	Wagons.		Per Battery		
		Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.			Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 22.												
Fuzes, time and percussion, No. 56, Mark IV *a*	46*b* 36*c*	94*b* 96*c*	....	....	....	....	46*b* 36*c*	94*b* 96*c*	....	....	....	
Implements, fuze, shell, and cartridge, Keys, fuze, universal	3	4	....		....	....	3	4	...	30	26	
Lanyards, friction tube, field, T, Mark II *d*	2	2	....	....	....	....	2	2	...	18	16	
Tubes, friction: T *e*	60*b* 50*c*	100*b* 120*c*	....	.... ..	.. . .	....	60*b* 50*c*	100*b* 120*c*	....	....	....	
Tubes, friction: copper, solid drawn, special	....	....	....	....	....	....	....	....	...	60	60	Annual allowance.
Woolwich Section No. 22A.												
Cartridges, B.L., filled, 12-pr., 6 cwt., 12 $\frac{7}{16}$ oz., cordite, size 5	48*b* 40*c*	92*b* 100*c*	....	....	....	....	48*b* 40*c*	92*b* 100*c*	....	....	....	
Covers, cartridge, canvas, B.L., 12-pr., 12 $\frac{7}{16}$-oz., cordite	48*b*	92*b*	....	....	....	....	48*b*	92*b*	....	....	....	

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Shells, B.L., filled, shrapnel, 12-pr., 6 cwt.....	44*b*	88*b*	....	....	....	....	44*b*	88*b*	....	....	....
	34*c*	92*c*	....	....	....	....	34*c*	92*c*	....	....	....
Shot, B.L., case	4*b*	4*b*	....	....	....	....	4*b*	4*b*	....	....	....
	4*c*	4*c*	....	....	....	....	4*c*	4*c*	....	....	....
Woolwich Section No. 25.											
Boards, inventory	....	....	....	....	1	....	....	....	1	1	1
Irons, branding, ⅝-in., figures 0 to 8 sets	....	....	....	....	....	....	....	...	....	1	1
letters, alphabet *g* sets	....	...	....	....	....	....	....	....	....	1	1
letters, 1 letter A to F.... sets	....	....	....	....	....	....	....	....	....	1	1
Knives, opening tins	...	....	....	....	2*f*	....	....	....	....	....	....
Stamps, copper, inlaid ½-in., figures 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2
letters, 1 letter *g* .... sets	....	....	....	....	....	....	....	....	....	2	2
letters, 1 letter A to F sets	....	....	....	....	....	....	....	....	....	1	1
steel, for metal, ⅛-in., figures 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2
letters, 1 letter *g* .... sets	....	....	....	....	....	....	....	....	....	2	2
letters, 1 letter A to F sets	....	....	....	....	....	....	....	....		1	1

a Each fuze will be separately wrapped in paper and packed in its own cylinder. The designation number is shown on the label of the Cylinder or other package in which the fuze is packed. The number stamped on the fuze itself denotes the number of the thousands manufactured.
b Mark 1* equipment only. *c* Mark II equipment. *d* Mark I to be used up with Mark I guns.
e Packed in tin boxes containing 10. *f* A. and S. wagons for supplies and tents, &c., only.
g R.H.A., as required, in addition to battery letter or letters.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons.				Per Battery.	Gun Carriage and Limber.	Wagons.		Per Battery		
		Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.			Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 25—continued.												
Stamps, steel, for wood, $\frac{3}{16}$-in., figures 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel, for wood, $\frac{3}{16}$-in., letters, 1 letter *a* ... sets	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel, for wood, $\frac{3}{16}$-in., ,, ,, A to F sets	....	....	....	....	....	....	....	....	....	1	1	
Stamps, steel, for metal, $\frac{3}{16}$-in., figures, 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel, for metal, $\frac{3}{16}$-in., letters, 1 letter sets	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel, for metal, $\frac{3}{16}$-in., ,, ,, A to F sets	....	....	....	....	....	....	....	....	....	1	1	
Woolwich Section No 26.												
Balances, spring, 80-lb.*b*	....	....	....	....	1 *b*	....	....	....	....	....	....	

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Woolwich Section No. 28.												
Binoculars	....	....	....	....	....	2	....	....	....	2	2	One for Officer Commanding, and one for range-taker.
Binoculars cases ...	....	....	....	....	....	2	....	....	....	2	2	
Woolwich Section No. 29.												
Mekometers, Artillery, Horse and Field, with appurtenances, complete *c* sets	....	....	....	....	....	1 *c*	....	....	....	1 *c*	1 *c*	
Telescopes, Field Artillery	....	....	....	....	....	1	....	....	....	1	1	
DRILL AND INSTRUCTIONAL STORES.												
Woolwich Section No. 22.												
Boxes, section of fuzes, No. 4	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.

a R.H.A., as required in addition to the battery letter or letters.
b Supply wagon only.
c Every Service Battery will be supplied with a mekometer complete.

The equipment consists of—

2 mekometers (right and left) in 2 leather cases,
2 reels, each with one 50-yard cord, with S hooks,
4 telescopes,
5 yards of cord spare.
} To be strictly maintained for service.

In time of peace, a battery ordered abroad will return its mekometer to store, and will demand a new equipment, except its destination be India, in which case it will receive its new equipment on arrival. The exchange of equipment will be optional in time of war, at the discretion of the officer commanding the battery. For further instructions, *see* the Mekometer Handbook, also Regulations for Magazines and Care and Preservation of War Matériel.

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Ordnance and General Stores—*continued.*

TABLE 34—*continued.*

	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons. Ammunition and Limber.	Wagons. Forge, R.A., and Limber.	Wagons. Store, R.A., and Limber.	Wagons. Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Wagons. Ammunition and Limber.	Wagons. Artillery.	Per Battery Higher Establishment.	Per Battery Lower Establishment.	
Woolwich Section No. 22—continued.												
75/7/6830 **Fuzes,** drill, time, and percussion, No. 56, Mark I *ab*....	....	...	....	...	....	....	....	....	....	72*c*	72*c*	
54/Art./8991 **Fuzes,** section, time and percussion, No. 56 before firing	....	....	....	....	....	....	....	....	....	1	1	
Fuzes, after „	...	....	....	....	...	....	....	....	....	1	1	
54/Art./9275 **Tubes,** friction, T, drill	....	1	...	....	....	....	....	1	....	6*d*	6*e*	
Tubes, friction, T, empty	....	....	....	....	....	...	...	....	....	72*f*	72*f*	

a Carried as convenient.
b 6 steel washers, spare, per battery, are allowed for use with time and percussion drill fuzes.
c Burnt-out fuzes will be used.
d 3 carried as convenient.
e 4 carried as convenient.
f For drill purposes—for use only with guns having single motion breech mechanisms.

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Materials, Repairing Carriages, &c.

TABLE 35.	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 4.				
Staples, round crowned, small	6	2	Wagons, Ammunition, and Store and Artillery	Forge limber.
Woolwich Section No. 7.				
54 Art. 8406 **Wire,** copper, No. 18, W.G. .... ozs.	8	8	For frapping wire ropes	Store wagon.
Woolwich Section No. 9.				
Solder, tinman's .... bars	6	....	Tinwork	No. 2 drawer, smiths' tool chest.
Spelter, brass .... lb.	$\frac{1}{4}$	....	Brazing	
Steel, mild hoop *b* — $3\frac{3}{4}$-in. wide, No. 13, W.G. feet	....	1 *b*	Per ammunition box for fitting new sides or ends.	Store wagon.
Steel, mild hoop *b* — 2 " " " 14 " "	....	2 *b*		
Steel, mild hoop *b* — $1\frac{1}{2}$ " " " 14 " "	....	2 *b*		
Woolwich Section No. 10.				
54 Art. 8406 **Chain,** brass, solid link .... yds.	2	2	General repairs	Forge limber.
Nails, copper, rose head, strong, No. 451 lbs.	1	$1\frac{1}{2}$		
Nails, iron — clout, wrought, countersunk head, strong, No. 104 .... "	$1\frac{1}{2}$ *c* $2\frac{1}{2}$ *d*	$\frac{1}{8}$ $\frac{1}{8}$		No. 3 drawer, wheelers' tool chest.
Nails, steel — brad, fine pointed, No. 26 "	1 *c* $\frac{1}{2}$ *d*	$\frac{1}{8}$ $\frac{1}{8}$		
Nails, steel — clasp — fine, No. 72 .... "	2	$\frac{1}{2}$		
Nails, steel — clasp — strong, No. 80 "	2	$\frac{1}{2}$		

a Carried as convenient. *b* To be demanded only as required. *c* For Mark I* equipment. *d* For Mark II equipment.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 35—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*f*	For what purpose.	Where carried.
Woolwich Section No. 10—continued.				
Screws, iron, flat head, 3-inch, gauge No. 16	48*a* 36*b*	....	General repairs	No. 3 drawer, wheelers' tool chest.
2½ ,, ,, ,, 16	24*a* 36*b*	....		
2 ,, ,, ,, 14	24*a* 12*b*	6		
1½ ,, ,, ,, 13	36*a* 18*b*	....		
1 ,, ,, ,, 12 ...	36*a* 18*b*	....		
¾ ,, ,, ,, 10 ...	36	8		
¾ ,, ,, ,, 13 ...	36*a*	8		
¾ ,, ,, ,, 13 *c*	....	32	Per ammunition box, for fitting sides or ends	
⅞ ,, ,, ,, 11	24*b*	....	General repairs	
⅞ ,, ,, ,, 8	36*a*	4		
round head, 1¼-inch, gauge No. 13	24*a*	....		
Tacks, copper, No. 473 .... lbs.	2*a*	1		
copper, No. 471 .... ,,	½*b*	....		
steel, cut, No. 192 .... ,,	1*a* ½*b*	⅛ ⅛		

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Woolwich Section No. 11.				
Borax, refined .... lb.	½	....	Brazing	No. 2 drawer, smiths' tool chest.
Glue, best town made .... ,,	1	¾	....	Forge limber.
Oil, linseed, boiled *d* .... pints	....	4	Elevating gear, and working parts of carriage.	
Paint, prepared for use: black, lamp .... ozs.	....	4	Lettering batteries ...	Forge limber.
Paint, prepared for use: lead, white .... ,,	....	4	Painting discs of aiming posts	
Paint, blue, ultramarine (dry) .... ,,	....	2	Painting discs of aiming posts	
Paint, red, Chinese (dry) .... ,,	....	2		
Resin, black .... lbs.	½	....	Tinwork	No. 2 drawer, smiths' tool chest.
Sal ammoniac, in lumps .... ,,	½	....		
Turpentine, spirits of .... pints	....	¼	Lettering batteries ...	Forge limber.
Woolwich Section No. 13.				
Bolts, with nuts, hexagon head, ½ in. × 3¼ in.	4*a*	....	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, ½ in. × 1⅛ ,, ...	6*a*	....	Plates, box, axletree	
Bolts, with nuts, hexagon head, ½ in. × 1⅛ ,, ...	4*b*	....	....	
Bolts, with nuts, nave, 2nd, Class, C, No. 35A wheel, bevel head	1*a*	1	....	
Bolts, with nuts, nave, 2nd, Class, C, No. 35A wheel, bevel head	6*b*	1	....	
Bolts, with nuts, nave, 2nd, Class, C, No. 35A wheel, plain head	1*a*	1	....	
Bolts, with nuts, nave, 2nd, Class, C, No. 35A wheel, plain head	6*b*	1	....	
Bolts, with nuts, nave, 2nd, Class, C, ,, 36 ,, ...	2	2	....	
Bolts, with nuts, tire	6*b*	....	....	
Forges, field, handles, lever	1	....	....	Forge limber (Mark II only).
Forges, field, screws, hexagon head, ¼ in. × ⅝ in. (set of 9) *e*.... .... sets	1	....	....	No. 3 drawer, wheelers' tool chest.

a For Mark I* equipment. *b* For Mark II equipment. *c* To be demanded only as required.
d 2 pints of this oil allowed for mobilization equipment in charge of the unit.
e Field Forge Mark IV only. *f* Carried as convenient.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 35—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*f*	For what purpose.	Where carried.
Woolwich Section No. 13—continued.				
Hooks, draught, B.L., 12-pr. 6-cwt. near	1*a*	....	....	Store wagon.
Hooks, draught, B.L., 12-pr. 6-cwt. off	1*a*	....		
Iron, pieces, angle, 2 ft. 8 in. × 2 in. × 2 in. × $\frac{1}{4}$ in.	....	1	General repairs	
Iron, pieces, bolt 2 ft. 8 in. × $\frac{7}{8}$ in.	1*b*	....		
Iron, pieces, bolt 2 ft. 8 in. × $\frac{5}{8}$,, ...	1*b*	....		
Iron, pieces, bolt 2 ft. 8 in. × $\frac{1}{2}$,, ...	1*b*	1*b*		
Iron, pieces, bolt 2 ft. 8 in. × $\frac{1}{4}$,, ...	1*b*	....		
Iron, pieces, flat, 2 ft. 8 in. × 3 ,, × 1 in.	1*b*	1*b*		
Iron, pieces, flat, 2 ft. 8 in. × 2 ,, × $\frac{3}{4}$,, ...	1*b*	....		
Iron, pieces, flat, 2 ft. 8 in. × 2 ,, × $\frac{3}{8}$,, ...	1*b*	....		
Iron, pieces, flat, 2 ft. 8 in. × $6\frac{1}{4}$,, × $\frac{1}{2}$,, ...	1*b*	1*b*		
Iron, pieces, plate, 1 ft. 6 in. × 6 in. No 12 W.G.	2*b*	....		
Iron, pieces, tire, 12 in. × $2\frac{1}{2}$ in. × $\frac{1}{2}$ in.	1*b*	2*b*	Ring tires	
Keys, pole pin, No. 17 and 18 pole	2	....	....	Forge limber.
Locks, box limbers and wagons, No. 2 (Mark I, B.L., 12-pr.)	1	1	....	
Locks, box limbers and wagons, ,, 4 (Mark II, B.L., 12-pr. limbers also wagons, rear)	1	1	....	
Locks, box limbers and wagons, ,, 5 (Mark II, B.L., 12-pr. wagons, front)	1	1	....	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{3}{4}$ in.	12*b*	....	....	No. 3 drawer, wheelers' tool chest.
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{3}{8}$ in. ...	12*b*	....	....	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{1}{8}$ in. ...	18*b*	6	....	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $\frac{3}{4}$ in.	24*b*	6	....	

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	conical head, $\frac{3}{8}$ in. × 3 in.	10*b*	4	Movable steels ....
	countersunk head, $\frac{1}{4}$ in. × $1\frac{1}{2}$ in.	....	12*e*	Per ammunition box, for fitting sides or ends ....
	countersunk head, $\frac{1}{4}$ in. × 2 in.	24*b*	....	....
Screws, boss head, $\frac{5}{16}$-in. × $\frac{1}{2}$-in.		6	24	Guards, gear, elevating, Marks I and II, carriages ....
Staples, lashing,	riveting, $\frac{5}{16}$-in.	5	2	Securing side arms ...
	with plate, $\frac{3}{16}$-in.	2	....	Ammunition boxes ..
Steel, pieces,	bolt, 2 ft. 8 in. 1 in.	1*c*	....	
	bolt, 2 ft. 8 in. $\frac{7}{8}$,, ...	1*c*	....	
	bolt, 2 ft. 8 in. $\frac{3}{4}$,, ...	1*c*	....	
	bolt, 2 ft. 8 in. $\frac{5}{8}$,, ...	1*c*	....	
	bolt, 2 ft. 8 in. $\frac{1}{2}$,, ...	1*c*	....	
	bolt, 2 ft. 8 in. $\frac{1}{4}$,, ...	1*c*	....	General repairs ....
	flat, 2 ft. 8 in. 3 in. × $\frac{1}{4}$ in.	1*c*	....	
	flat, 2 ft. 8 in. 2 in. × $\frac{3}{4}$ in. ...	1*c*	....	
	flat, 2 ft. 8 in. 2 in. × $\frac{1}{2}$,, ...	1*c*	....	
	flat, 2 ft. 8 in. 2 in. × $\frac{1}{4}$,, ...	1*c*	....	
	plate, ·075 in. × 6 in. × 12 in. ..	1*c*	....	
	tire, 12 in. × 3 in. × $\frac{1}{2}$ in. curved ...	2	....	Ring tires ....
Steels, movable	limber hook *b*	3*b*	3	....
	trail eye or perch *d* ...	3*b*	3	....
Straps, securing,	44 in. × 1 in.	2	....	Camp kettle lids, portable magazines ....
	32 in. × 1 in., B.P., C.B.	3*b*	....	For blankets ....
	30 in. × 1 in.	2	2	Drag rope, lifting jack, and swingletree ....
	26 in. × 1 in.	2	....	Case, grease box, kit bags, and swords ....

Forge wagon.	
Forge limber.	
Store wagon.	
Store wagon.	

a According to mark of limber. *b* Mark I* equipment. *c* Mark II equipment. *d* According to mark of limber or wagon.
e To be demanded only as required. *f* Carried as convenient.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 35—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply. *e*	For what purpose.	Where carried.
Woolwich Section No. 13—continued.				
Straps, securing, 24 in. × $\frac{3}{4}$ in.	2*b*	....	Blankets	Store wagon.
22 in. × 1 in.	1	....	Spades....	
22 in. × 1 in., D.L.	1*b*	....	Handwheel	
18 in × 1 in.	1	....	Pickaxe, felling axe, and tampeon	
13 in. × 1 in.	3	....	Pickaxe, drag washer, billhook, water brush, and spanner, No. 93	
13 in. × $\frac{3}{4}$ in.	2	....	Telescopic sight box and spades	
10 in. × 1 in.	1	....	Camp kettle handles....	
10 in. × $\frac{3}{4}$ in.	2*a*	....	Aiming posts and wire cutter	
6 in. × $\frac{3}{4}$ in.	1	....	Telescopic sight box	
Turnbuckles, box, under, wagon	2	...	....	Forge limber.
Woolwich Section No. 14.				
$\frac{3}{8}$ in. × 4 in.	12*a*	6		
$\frac{3}{8}$ in. × $2\frac{1}{4}$ in.	4*b*	2		
$\frac{3}{16}$ in. × $2\frac{3}{4}$ in.	12*a*	6		
$\frac{3}{16}$ in. × $2\frac{1}{4}$ in.	12*b*	6		
$\frac{3}{16}$ in. × $1\frac{3}{4}$ in.	12*a*	6		

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Keys, split, round, loop,	$\frac{1}{4}$ in. ×	$3\frac{1}{2}$ in.	....	12*a*	6	....	No. 3 drawer, wheelers' tool chest.
		$3\frac{1}{4}$ in.	....	12*b*	6		
		$2\frac{1}{2}$ in.	....	12	6		
		2 in.	....	6*a*	6		
	$\frac{1}{8}$ in. ×	$1\frac{1}{2}$ in.	....	6*a*	6		
		$1\frac{1}{4}$ in.	....	12*b*	6		
		1 in.	....	6*a*	6		
	$\frac{1}{16}$ in. × $\frac{5}{8}$ in.		....	12*a*	6		
	Woolwich Section No. 19.						
Blocks, wood, securing projectiles,*a*	limber	near, set of 9	sets	1	$\frac{1}{2}c$	....	Store wagon.
		off, set of 9	,,	1	$\frac{1}{2}c$		
	wagon	near, set of 7	,,	1	$\frac{1}{2}c$		
		off, set of 7	,,	1	$\frac{1}{2}c$		
Boxes, ammunition,	limber	ends	....	....	As required	Repair of ammunition boxes	
		sides	....	....			
	wagon	ends	....	....			
		sides	....	....			
Felloes,*d*	No. 35 or 35A wheel	ordinary	....	3	1	....	
		slip	....	2	1		
	,, 36 ,,	ordinary	....	1	.. .		
		slip	....	1	.. .		
Spokes, *d*	No. 35 or 35A wheel	back	....	3	1	....	
		front	....	3	1		
	,, 36 ,,		....	2	....		

a Mark I* equipment. *b* Mark II equipment.
c When half-sets are demanded, the number of "*Front*" and "*Rear*" required should be stated.
d According to the wheels in the battery. *e* Carried as convenient.

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Stores for use with Sick Horses.

(*Referred to in Part* 1, *Equipment Regulations.*)

TABLE 36.	War. Per Battery.	Peace. Per 100 horses. 3 months' supply.
Woolwich Section No. 5.		
Sponges, 7-drachms....	4	4*a*
Woolwich Section No. 7.		
Pins, mixed .... oz.	½	¼
Woolwich Section No. 11.		
Corks, assorted	12	6
Woolwich Section No. 18.		
Tow, coarse .... lbs.	6	2
Tow, fine .... ,,	2	1
Twine, packing, small .... ozs.	2	1
Woolwich Section No. 27.		
Bandages, horse	12	6
Linen, unbleached (for bandages) .... yds.	6	3
Sacking, oat, 27-in. (for poultices) .... ,,	8	4
Tape, linen, ¾-in., white .... pieces	2	1*a*
Woolwich Section No. 31.		
Flannel, old (for fomentations) .... lbs.	15	7½
Numnahs, old (for foot swabs)	2	2
Miscellaneous.		
Paper, *b* brown, common (for packing) ....sheets	12	6
Paper, *b* white, fine (for balls) .... ,,	12	6

Chests, veterinary, field, U.P. together with the stores for use with sick horses will, on mobilization, be supplied by the Army Veterinary Department.

a To be drawn at these rates every six months only.

b Stationery Office supply.

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TABLE 37. Army Books and Forms for Equipment.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy note.
183 *a*	Regimental equipment	Account ledger.
281	,, repairs	Daily work book.
Forms.		
B 274	Practice, annual	Report.
B 275	,, ,, battery	,,
B 276	Range	,,
G 804	Ammunition, blank	Requisition for.
G 806	,, gun practice and for dismissal of recruits	Requisition for (annual).
G 808	Failures of gun ammunition ...	Report.
G 815	Ammunition, small arm	Requisition.
G 957	Accoutrements (materials for repairs)	,,
G 976 *a*	Carriages (materials for repairs) ...	,,
G 980 *a*	Stores	Carriers' note.
G 994 *a*	Equipment, &c.	General requisition (active service only).
G 997 *a*	,, general	Requisition.
G 1027 *a*	Materials for repair	General requisition.
G 1033 *a*	Issue and receipt voucher.	
G 1037 *a*	Harness and Saddlery, &c. (materials for repair)	Requisition.
G 1049	Expenditure, transfer, and conversion voucher.	
P 1925	Expense voucher, "G.S."	

Those marked (*a*) are all that are considered necessary for War, and are carried in the stationery box in Store Wagon, R.A.

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DETAIL OF CARRIAGES, WAGONS, &c.

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CARRIAGES, FIELD, B.L., 12-pr. 6 cwt.

Description.	Marks I*	Marks II
COMPONENT PARTS.		
Axletrees, 2nd class, C, No. 89 .... steel	1	1
Bands, supporting axletree box, with bolt, bucket hook, set screws, and advance ring .... left	1	1
right ,,	1	1
Bearings, brake shaft, left, M.B.	1	—
right ,, ...	1	—
hand wheel, spindle upper, M.B., with rivet	1	—
pawl spindle left .... M.B. with bolts	—	1
right .... ,, ,, ,,	—	1
Bolts, tensile stay, with nut and split key .... steel	1	—
Boxes, axletree, left, steel, with spiral springs, and	1	1
right, steel, with spiral springs, and securing nut, with split keys	1	1
T tubes, carriage, B.L., 15- and 12-pr. .... steel	1	—
Brackets, actuating screw brake gear front, M.B., with bolts and screws	1	—
rear ,, ,, ,, ,, ,,	1	—
aiming posts ... . ,,	1	—
bearing, rocking shaft, brake gear, left .... metal	1	—
right .... ,,	1	—
brake arm left .... steel	—	1
right .... ,,	—	1
handwheel spindle .... M.B.	1	—
hinge, front spring case, M.B.	1	1
pawl, left, M.B., with bolts	1	—
right, ,, ,, ,, ...	1	—
spring, spade attachment.... .... steel	1	1
securing rear spring case, M.B.	1	—
stop, lever releasing spade ... . M.B.	—	1
stay, supporting brake arm left	—	1
right	—	1
supporting, catch, brake gear	1	—
oscillating bracket, G.M., with bol	1	—
tensile stay, left .... steel	1	—
right .... ,,	1	—
axletree, left, steel, with bolts and pin,	—	1
right, with split key	—	1
trail, left, ... steel	—	1
right, ... ,,	—	1
Capsquares, left .... ,,	1	1
right .... ,,	1	1
Carriage body, without fittings	1	1
Clips, securing. handspike, steel spring, with bolts	1	1
rammer, steel spring, with bolts	—	1
Eyes, trail, Nos. 20	1	—
28	—	1
Flanges, axletree, left .... steel, with bolts	1	1
right .... ,, ,, ,,	1	1
Handles, lifting	2	2
Handspikes, traversing, No. 2, mark II	1	—
,, III	—	1

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I*.	Marks II.
COMPONENT PARTS—*continued.*		
Keys, capsquare, No. 20, left .... steel	1	—
Keys, capsquare, „ 21, right .... „	1	—
Keys, capsquare, „ 22 .... „	—	2
Lids, trail box, front, steel, with hinge and hasp	1	—
Lids, trail box, rear, „ „ „ „ „	1	—
Pieces, distance, tensile stay bolt .... steel	1	—
Pins, joint, capsquare, with split key .... „	2	2
Pins, linch, 2nd class.... .... „	2	2
Pins, securing, tensile stay, with split key .... „	2	—
Pins, tensile stay, rear, steel, with bevelled washer, nut and split key	—	1
Plates, boss, tensile stay bolt, left .... steel	1	—
Plates, boss, tensile stay bolt, right .... „	1	—
Plates, clip, axletree .... „	2	—
Plates, joint, handspike, socket .... „	1	—
Plates, locking, left .... „	1	1
Plates, locking, right .... „	1	1
Plates, securing, spanner .... „	1	—
Rings, packing, axletree arm .... plastic metal	2	2
Sockets, setting, time fuze .... metal	1	—
Sockets, handspike, with pawl, spring, and bolts.... steel	1	1
Sole, trail .... „	1	1
Staples, lashing, aiming posts .... iron	1	—
Staples, lashing, riveting, $\frac{5}{16}$-in. .... „	3	—
Staples, securing handspike .... steel	1	—
Stays, tensile, ... „	—	2
Stays, tensile, left	1	—
Stays, tensile, right	1	—
Steels, movable trail eye	1	—
Stops, handspike.... .... steel	1	—
Stops, McMahon, spanner .... „	1	—
Turnbuckles, with stud .... „	2	—
Washers, drag, 2nd class, "C" .... „	2	2
Wheels, 2nd class, "C," No. 35A	2	2
Spade, attachment:—		
Blade, spade; steel, with G.M. socket, set screw, and split key	1	1
Cases, recoil, spring, front, inner, steel, with metal rings (guide and stop)	1	1
Cases, recoil, spring, front, outer, steel, with band hook	1	1
Cases, recoil, spring, rear; steel, with M.B. bracket, and fixing bolts	1	1
Discs, dividing springs .... G.M.	1	1
Discs, end of spring, lower .... steel	1	1
Discs, end of spring, upper ... . „	1	1
Lever, releasing spade .... steel, with split key	1	1
Pawl, supporting spade .... steel, with spindle	1	1

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I*.	Marks II.
COMPONENT PARTS—*continued.*		
Pins, hinge, spring case .... steel	1	1
Pins, locking releasing lever; steel spring, split with brass chain and S hooks	1	1
Plug, hinge, front spring case; M.B., with set screw and split key	1	1
Rod, rear springs; steel, in two parts, with split key	1	1
Ropes, wire; steel, with thimbles	2	2
Shackles, wire rope, large, steel, with bolt, nut, and split key	1	1
Shackles, wire rope, small, ,, ,, ,, ,,	2	2
Springs, pawl, supporting spade, in two parts, steel, flat	1	—
Springs, pawl, supporting spade, in two parts, ,,	—	1
Springs, spiral, recoil, front .... steel	2	2
Springs, spiral, recoil, rear .... ,,	2	2
Gear, brake :—		
Arms, brake, left; steel, with bolts, nut, and split key	1	—
Arms, brake, right ,, ,, ,, ...	1	—
Arms, brake, left; steel, with shoe, with split key	—	1
Arms, brake, right; ,, ,, ,, ...	—	1
Blocks, brake, field and transport, Mark II .... cast iron	2	2
Bolts, connecting, brake arms; steel, with nut and split key	—	2
Bolts, connecting, supporting stays; steel, with nut and split key	—	2
Catch, supporting brake blocks .... steel	1	—
Couplings, connecting rods; steel, with pin and split key....	2	—
Crosshead ,, ,, ,, ,, nuts ,, ,, keys	1	—
Handles, actuating .... steel	—	1
Handles, actuating screw, front .... ,,	1	—
Handles, actuating screw, rear .... ,,	1	—
Levers, rocking, centre, steel, with nut and split keys	1	—
Levers, rocking, steel, with cross-head and actuating nut	—	1
Levers, supporting brake blocks; steel, with bolt and split key	1	—
Nut, actuating screw .... M.B.	1	1
Pins, axis rocking lever .... steel	—	1
Pins, supporting catch ....steel, with split key	1	--
Rods, actuating left; steel, with nut and split key	—	1
Rods, actuating right; steel, with removable fork, nuts, and split key	—	1
Rods, connecting brake shaft .... steel	2	—
Screw, actuating .... steel, with nuts and split keys	1	—
Shafts, brake; steel, with collar and bolt, two screws, with split key	1	—
Shafts, rocking .... steel	1	—
Shoes, brake block, left, with joint pin and split key, and locking pin, with chains	1	—
Shoes, brake block, right, with joint pin and split key, and locking pin, with chains	1	—
Spindles, brake shoe ....steel, with split key	2	—

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I.*	Marks II.
COMPONENT PARTS—*continued.*		
Gear, brake—*continued.*		
Springs, disc, No. 62 .... steel	—	10
Springs, spiral, brake block .... ,,	2	—
Stays, supporting brake, arms; steel, with nut and split key	—	2
Stays, supporting brake, shaft, left, steel, with loops, collar, and bracket loop	1	—
Stays, supporting brake, shaft, right, steel, with loops, collar, and bracket loop	1	—
Stops, brake block, left .... steel, with split key	1	—
Stops, brake block, right .... ,, ,, ,, ,,	1	—
Gear, elevating:—		
Bearings, oscillating bracket, left .... M.B., with bolts	1	1
Bearings, oscillating bracket, right .... ,, ,, ,,	1	1
Bracket, oscillating; steel, with nut, driving bush, guard, and removable trunnion, with split key	1	1
Cap, protecting elevating screw ....steel, with split keys	1	1
Guard, mitre wheels .... brass	1	—
Pinion, bevel, 20 teeth .... M.B., with split key	1	—
Pinion, bevel, 19 ,, ... M.B., with split key	—	1
Screws, elevating, No. 2 steel, in 2 parts (inner and outer), with stop and securing screw	1	—
Screws, elevating, ,, 12 steel, in 2 parts (inner and outer), with stop and securing screw	—	1
Spindles, handwheel, steel, with nut and split key, keep screw, and washer	1	—
Spindles, handwheel, steel, with collar, nut, and split key	—	1
Spindles, pinion .... steel	1	—
Wheels, bevel, 36 teeth .... M.B.	1	—
Wheels, bevel, 32 ,, ... M.B., with two split keys	—	1
Wheels, hand .... G.M.	1	1
Wheels, mitre .... M.B., 16 teeth, with split key	2	—
LEATHERWORK.		
Caps, spring case	1	1
Caps, No. 9, lubricating can, D	—	1
Cases, rimer, vent, axial....	1	—
Cases, vent bit, and rod....	1	—
Pockets, breech brush	—	1
Pockets, fuze key (carriage)	1	1
Pockets, lanyard	1	1
Pockets, wire cutter	1	1
Straps, securing 9 in. × ¾ in. (oil-can case)	—	1
Straps, securing 10 in. × ¾ in. (aiming posts)	1	1
Straps, securing 13 in. × 1 in. (claw hammer)....	—	1
Straps, securing 13 in. × 1 in. (pincers)	—	1
Straps, securing 13 in. × 1 in. (spanner, McMahon)	—	1
Straps, securing 18 in. × 1 in. (tampeon)	1	1
Straps, securing 22 in. × 1 in., D.L. (hand wheel)	1	1
Straps, securing 30 in. × ¾ in. double (cleaners)	2	2

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LIMBER, FIELD, B.L., 12-pr. 6 cwt., Mark I.

Description.		No.
COMPONENT PARTS.		
Axletrees, 2nd class, "C," No. 98	steel	1
Bars, supporting draught pole, No. 2	....	1
Boards, foot	....	1
Boards, platform	....	1
Boxes, telescopic sight	steel	1 *a*
Boxes, grease, 3 lbs.	tin	1
Brackets, axletree near	steel	1
Brackets, axletree off	,,	1
Cans, lubricating, No. 3	....	1
Flanges, axletree	steel	2
Futchels, inside, near	,,	1
Futchels, inside, off	,,	1
Futchels, outside, near	,,	1
Futchels, outside, off	,,	1
Hooks, limber, No. 13	iron	1
Hooks, bucket	steel	1
Hooks, magazine (set of 4, set)	,,	1
Hooks, draught, near	,,	1
Hooks, draught, off....	,,	1
Keys, pole pin, No. 17 pole, with chain	iron	1
Keys, limber hook, No. 2 ,, ,, ...	steel	1
Pins, pole, No. 17 pole	iron	1
Pins, linch, 2nd class	steel	2
Pins, securing axletree, with split key	,,	4
Plates, camp kettle, with hooks	,,	1
Plates, carrying lubricating can and grease box	,,	1
Plates, nib, pole	,,	1
Shelves, setting fuzes	wood	1
Staples, lashing, common, $\frac{1}{4}$ in.	iron	10
Staples, lashing, riveting, $\frac{5}{16}$,, ...	,,	2
Staples, lashing, with plate, double, $\frac{1}{4}$ in.	,,	4
Staples, lashing, with plate, single $\frac{1}{4}$,, ...	,,	4
Staples, pole	steel	1
Stays, futchel, front	,,	1
Stays, diagonal, near	,,	1
Stays, diagonal, off	,,	1
Steels, movable, limber hook	....	1
Washers, drag, 2nd class, "C"	steel	2
Wheels, 2nd class, "C," No. 35A	....	2
Poles, draught, No. 17	...	1
Parts of—		
Irons, nib	....	1
Loops, clip, pole point	iron	1
Plates, wrapping pole, with nails....	copper	1
Plates, pole pin	iron	2
Plates, bearing, pole bar	steel	1
Swingletrees, No. 7A or 10A	steel	2

a For carriage-limbers only, except the ammunition wagon limber of "A" subdivision, which carries spare sight.

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Limber, Field, B.L., 12-pr. 6 cwt., Mark I.—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition—	
Parts of—	
Bands, guard iron .... steel	2
Bands, lid .... ,,	2
Blocks, securing projectiles, (set of 9) near .... wood	1
Blocks, securing projectiles, ,, ,, off .... ,,	1
Covers, unpainted .... canvas	2
Hinges	4
Holdalls, with straps, near .... leather	1
Holdalls, with straps, off .... ,,	1
Irons, guard, No. 9, near	1
Irons, guard, ,, 10, off	1
Keys, guard iron, with chain and loop .... iron	4
Locks, spring, with handle and key	2
Plates, escutcheon .... iron	2
Plates, striking lock .... ,,	2
Slides, stay, lid, near .... P.B.	1
Slides, stay, lid, off .... ,,	1
Sockets, fixing time fuze .... metal	1
Stays, lid, near	1
Stays, lid, off	1
Staples, lashing, with plate, single, ¼ in. .... iron	8
Staples, lashing, with plate, single, 3/16 in. .... ,,	2
Staples, lashing, with plate, double, ¼ in. .... ,,	4
Staples, lashing, with plate, hand leathers .... ,,	2
Staples, lashing, with plate, spade, near .... ,,	1
Staples, lashing, with plate, spade, off.... .... ,,	1
Strap, lifting pad obturating .... leather	1
Strips, supporting projectile blocks, inner, near .... aluminium	1
Strips, supporting projectile blocks, inner, off .... ,,	1
Strips, supporting projectile blocks, outer .... ,,	2
Trays, projectile, large .... wood	2
Trays, projectile, small, near .... ,,	1
Trays, projectile, small, off .... ,,	1
Turnscrews, shell, plug .... iron	1
Boxes, fuze, No. 20	2
Boxes, fuze, ,, 21	1
Boxes, fuze, ,, 28	1
LEATHERWORK.	
Cases, bill hook	1
Cases, drag, washer	1
Cases, felling axe....	1
Cases, lubricating can	1
Cases, water brush	1
Leathers, hand	2
Leathers, No. 9 guard iron	1
Leathers, ,, 10 ,, ,, ...	1

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Limber, Field, B.L., 12-pr. 6 cwt., Mark I.—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Loops, felling axe	1
Pockets, key, spring lock	1
Pockets, „ fuze, universal	2
Straps, securing, 6 in. × ¾ in. (box, telescopic sight)	1
Straps, securing, 10 in. × 1 in. (camp kettle, handle)	1
Straps, securing, 10 in. × 1 in. double, with loop (pick-axe)	1
Straps, securing, 13 in. × ¾ in. (box, telescopic sight)	1
Straps, securing, 13 in. × ¾ in. (spades)	2
Straps, securing, 13 in. × 1 in. (billhook)	1
Straps, securing, 13 in. × 1 in. (drag washer)	1
Straps, securing, 13 in. × 1 in. (pickaxe)	1
Straps, securing, 13 in. × 1 in. (water brush)	1
Straps, securing, 18 in. × 1 in. (felling axe)	1
Straps, securing, 18 in. × 1 in. (pickaxe)	1
Straps, securing, 22 in. × 1 in. (spade handle)	2
Straps, securing, 26 in. × 1 in. (case, oil can)	1
Straps, securing, 26 in. × 1 in. (grease box, 3 lb.)	1
Straps, securing, 26 in. × 1 in. (swords)	2
Straps, securing, 26 in. × 1 in. (kit bags, R.A.)	4
Straps, securing, 30 in. × 1 in. (drag ropes, pole bar, and swingletree)	2
Straps, securing, 32 in. × 1 in. B.P., C.B. (blankets)	4
Straps, securing, 44 in. × 1 in. (camp kettle lid)	1
Straps, securing, 44 in. × 1 in. (picketing gear)	2
Straps, securing, 44 in. × 1 in. (portable magazine)	2
Straps, securing, 54 in. × 1 in. (box, telescopic sight)	1

WAGON, AMMUNITION, B.L., 12-pr. 6 cwt., Mark I.

Description.	No.
COMPONENT PARTS.	
Axletrees, 2nd class, "C," No. 99 .... steel	1
Bands, box, under, front .... iron	1
Bands, box, under, rear near ... . „	1
Bands, box, under, rear off .... „	1
Boards, foot	1
Boards, platform	1
Boxes, grease, 14 lbs. .... tin	2
Boxes, under .... wood	2

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Wagon, Ammunition, B.L., 12-pr. 6 cwt., Mark I.—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Blocks, drag shoe .... wood	1
Brackets, axletree, { near .... steel	1
Brackets, axletree, { off .... ,,	1
Collars, tube, { perch eye .... iron	6
Collars, tube, { plate locking .... steel	1
Eyes, perch, No. 7 .... iron	1
Flanges, axletree { near .... steel	1
Flanges, axletree { off .... ,,	1
Hasps, box, under	2
Hooks, { drag chain, side .... iron	1
Hooks, { ,, shoe, rear .... ,,	1
Hooks, { bucket .... steel	1
Loops, supporting handspikes, { front .... ,,	1
Loops, supporting handspikes, { rear .... ,,	1
Perches .... ,,	1
Pins, { linch, 2nd class .... ,,	2
Pins, { securing axletree, with split key .... ,,	4
Plates, { camp kettle, with hooks .... ,,	2
Plates, { clip, securing drag shoe .... ,,	1
Plates, { locking .... ,,	2
Plates, { supporting, picket posts .... ,,	2
Shelves, setting fuzes .... wood	1
Sides, { near .... steel	1
Sides, { off .... ,,	1
Spanner, No. 93	1
40116 / 6596 **Staples,** lashing, { common, $\frac{1}{4}$ in. .... iron	10
Staples, lashing, { riveting, $\frac{5}{16}$ in. .... ,,	8
Stays, diagonal, { near .... steel	1
Stays, diagonal, { off .... ,,	1
Steels, movable, perch eye....	1
Turnbuckles, box under	2
Washers, drag, 2nd class, "C"	2
Wheels, 2nd class, "C," No. 35A	2
Boxes, ammunition—	
Parts of—	
Bands, { guard iron .... steel	2
Bands, { lid .... ,,	2
Blocks, securing projectiles { (set of 7) near .... wood	1
Blocks, securing projectiles { ,, ,, off .... ,,	1
Covers, unpainted .... canvas	2
Hinges	4
Holdalls, { near .... leather	1
Holdalls, { off .... ,,	1
Irons, guard, { No. 9, near	1
Irons, guard, { ,, 10, off	1
Keys, guard iron, with chain and loop .... iron	4

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Wagon, Ammunition, B.L., 12-pr. 6 cwt., Mark 1.—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition—*continued*—	
Parts of—*continued*—	
Locks, spring, with handle and key	2
Plates, escutcheon .... iron	2
Plates, striking lock .... ,,	2
Slides, stay, lid, near	1
Slides, stay, lid, off	1
Sockets, fixing, time fuze .... metal	1
Stays, lid, near	1
Stays, lid, off	1
Staples, lashing, with plate, single, $\frac{1}{4}$-in. .... iron	9
Staples, lashing, with plate, single, $\frac{3}{16}$,, ... ,,	4
Staples, lashing, with plate, double, $\frac{1}{4}$-inch .... ,,	2
Staples, lashing, with plate, hand leathers .... ,,	2
Strips, supporting projectile blocks, inner .... aluminium	2
Strips, supporting projectile blocks, outer .... ,,	2
Trays, projectile, with aluminium disc plate .... wood	2
Turnscrew, shell, plug	1
Boxes, fuze, No. 20	3
LEATHERWORK.	
Holdalls, spare parts of gun	1
Holdalls, needles and silk twist	1
Leathers, hand	2
Leathers, saw	1
Leathers, spanner	1
Leathers, No. 9 guard iron	1
Leathers, ,, 10 ,, ,, ...	1
Pockets, fuze key, universal	2
Straps, securing, 10 in. × 1 in. (camp kettles, handle)	2
Straps, securing, 13 in. × 1 in. (spanner, No. 93)	1
Straps, securing, 26 in. × 1 in. (sponge)	1
Straps, securing, 26 in. × 1 in. (swords)	2
Straps, securing, 26 in. × 1 in. (kit bags, R.A.)	4
Straps, securing, 30 in. × 1 in. (lifting jack, G.S., and traversing handspike)	2
Straps, securing, 32 in. × 1 in. B.P.C.B. (blankets)....	4
Straps, securing, 44 in. × 1 in. (handspikes)	1
Straps, securing, 44 in. × 1 in. (camp kettles, lid)	3
Straps, securing, 44 in. × 1 in. (portable magazine)	2
Thongs, box, under	2

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WAGON, AMMUNITION AND STORE, R.A., MARK II*.

Description.	No.
Component Parts.	
DETAIL OF WOODWORK.	
Body.	
Bars, stay, loading	1
Blocks, axletree	2
Boards, foot	1
Boards, head	1
Boards, partition	1
Boards, tail	1
Frames, bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	14
Bolsters, body, front	1
Bolsters, body, rear	1
Bolsters, wheel, plate, front	1
Bolsters, wheel, plate, rear	1
Earbeds, front	1
Earbeds, rear	1
Locker (complete)	1
Sides, near..	1
Sides, off	1
Summers	2
Hoops, bale (set of 5) .. .. .. sets	1*a*
Seats, and box, driver's	1
Seats, with back	1
Sides, complete with 3 stud staves and 1 cleat, near	1
Sides, complete with 3 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Blocks, axletree	2
Bolsters, bottom	1
Bolsters, top	1
Bolsters, wheel, plate	1
Futchels, outside	2
Futchels, inside	2
Swingletrees, No. 10A	2
Poles, draught, No. 7A	1

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
WHEELS.		
Wheels, 2nd class, B, No. 28, fore	2*a*	
Wheels, 2nd class, C, „ 35A, hind ..	2*a*	
DETAIL OF IRONWORK.		
Body.		
Axletrees, 2nd class, C, No. 97.. .. iron	1	
Blocks, brake, field and transport, Mark II ..	2*b*	
Boxes, grease, half round, 3 lbs.	2	
Brackets, drag shoe .. .. .. iron	1	
Brackets, spare wheel arm .. .. steel	1	
Buttons, cover board, main pin .. metal	2	
Chains, tailboard, with loops .. .. iron	2	
Clips, axletree .. .. „	2	
Collars, axletree, shoulder .. .. „	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, point .. .. „	2	Only required when running 2nd class B wheels on C axletrees.
Hasps, seat and box, drivers.. .. „	1	
Hasps, locker .. .. .. „	1	
Hinges, locker .. .. „	2	
Hinges, seat and box, drivers .. .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain .. .. „	1	
Hooks, chain, tailboard, with loop .. .. „	2	
Hooks, with plate, joint head and tail boards plain .. „	3	
Hooks, with plate, joint head and tail boards with keyway „	1	
Hooks, with plate, lashing .. .. .. „	12	
Irons, guard, seat, No. 30	2	
Irons, nib	4	
Joints, head board .. .. .. iron	2	
Joints, seat, with top .. .. .. „	2	
Joints, seat, with under .. .. „	2	
Joints, back, with hasp .. .. „	1	

a Earlier issues of these wagons may be met with having:—
No. 33 fore } wheels.
„ 32 or 39 hind }
These will be replaced as they become unserviceable by Nos. 28 and 35A.
b For wagons fitted with South African brake.

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Keys, with chain, split, flat, guard iron iron	4
Keys, with chain, split, flat, tailboard ,,	1
Keys, with chain, head and tail .. .. ,,	4
Keys, with chain, stay, joint, footboard .. ,,	2
Loops, lashing, spare wheel .. .. ,,	2
Loops, bar, loading, with chain .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Pins, main, No. 24, with collar and key iron	1
Plates, angle, strengthening, long.. .. ,,	2
Plates, angle, strengthening, short .. ,,	2
Plates, angle, strengthening wagon floor, near, with bolts steel	1
Plates, angle, strengthening wagon floor, off, with bolts steel	1
Plates, camp kettle with hooks .. .. ,,	2
Plates, clip, bolster.. .. .. .. ,,	1
Plates, clip, securing spare wheel arm, with bolts, near ,,	1
Plates, clip, securing spare wheel arm, with bolts, off ,,	1
Plates, clip, stay, joint, footboard .. ,,	2
Plates, for stay clip, boards, side, large .. steel	2
Plates, for stay clip, boards, side, small .. ,,	2
Plates, distinguishing .. .. cast iron	1
Plates, locking, body .. .. .. iron	1
Plates, locking, wheels .. .. .. ,,	1
Plates, pin, securing spare wheel arm with screws steel	2
Plates, securing spare wheel arm, with key and chain .. .. steel	1
Plates, socket, guard iron .. .. .. iron	4
Plates, strap, joint, tailboard .. .. ,,	2
Plates, strengthening locker.. .. .. ,,	2
Plates, wrapping, head board .. .. ,,	2
Plates, wrapping, tail ,, ... ,,	2
Sockets, guard iron .. .. .. iron	4
Staples, bale hoop, bevelled .. ,,	12
Staples, bale hoop, plain .. .. ,,	8
Staples, clip, axletree .. .. .. ,,	4
Staples, joint, seat .. .. .. ,,	2
Staples, lashing, common .. .. ,,	5
Staples, lashing, with plate, double .. ,,	15
Staples, lashing, with plate, single .. ,,	18
Staples, lashing, with plate, ,, $\frac{5}{16}$-in. ,,	2
Staples, round crowned, small .. ,,	12
Staples, stud stave .. .. .. ,,	6

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Stays, clip, bar, loading		iron	1
Stays, clip, partition board		,,	1
Stays, cross, axletree		,,	1
Stays, joint, footboard		,,	2
Stays, strengthening bolster		,,	1
Stays, T, axletree, complete		,,	2
Turnbuckles, head board		,,	1
Turnbuckles, locker		,,	1
Turnbuckles, seat and box, drivers		,,	1
Washers, drag, 2nd class, C		,,	2
Fore Carriage.			
Axletrees, 2nd class, B, No. 33		iron	1
Bollards		,,	2
Clips, axletree		,,	2
Hooks, draught, with bolt and nut		steel	2
Keys, pole pin, No. 7 and 7A pole		iron	1
Pins, pole, No. 7, pole B		,,	1
Pins, linch, 2nd class		steel	2
Plates, clip, bollard		iron	2
Plates, clip, bolster		,,	1
Plates, locking, wheel		,,	1
Plates, main pin		,,	1
Plates, strengthening, futchel		,,	2
Plates, strengthening, sweep bar		,,	1
Sockets, pole end		,,	1
Sockets, splinter bar		,,	2
Staples, clip, axletree		,,	4
Staples, lashing, common, ¼-in.		,,	6
Staples, lashing, round crowned, small		,,	2
Staples, pole		,,	1
Stays, cross axletree		,,	1
Stays, splinter bar		,,	4
Stays, T, axletree, complete		,,	2
Washers, drag, 2nd class, B		,,	2
Pole Draught.			
Loops, clip, pole point		iron	1
Plates, strengthening pole		,,	2
Plates, bearing, pole bar		steel	1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK.	
Leathers, fixture, cases, billhook	1
Leathers, fixture, cases, felling axe	1
Leathers, fixture, for, spade	1
Leathers, fixture, for, shovel	1
Leathers, fixture, thong, for locker	1
Straps, securing, 10 in. × 1-in. (billhook)	2
Straps, securing, 13 „ × 1 „ (felling axe) ..	2
Straps, securing, 13 „ × 1 „ (reaping hook) ..	2
Straps, securing, 18 „ × 1 „ (shovel)	1
Straps, securing, 18 „ × 1 „ (spade)	1
Straps, securing, 22 in. × 1 in. (swords)	2
Straps, securing, 26 „ × ¾ „ B.P. (driver's seat)	1
Straps, securing, 26 „ × 1 „ (pickaxe	1
Straps, securing, 26 „ × 1 „ (grease boxes) ..	2
Straps, securing, 26 „ × 1 „ (camp kettles) ..	2
Straps, securing, 26 „ × 1 „ (swingletree) ..	2
Straps, securing, 30 „ × 1 „ (footboard) ..	2
Straps, securing, 30 „ × 1 „ (picketing gear) ..	3
Straps, securing, 36 „ × 1 „ (draught pole, spare)	2
Straps, securing, 36 „ × 1 „ (spare shaft, cart, S.A.A.) ..	2
Straps, securing, 44 „ × 1 „ (camp kettles) ..	2
Straps, securing, 48 „ × 1 „ (lifting jack) ..	2*a*
Ties, linch pin	4
Covers, waterproof .. .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*

a In ammunition parks only.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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WAGON, ARTILLERY, MARK I*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Body.	
Boards, head	1
Boards, partition, front	1
Boards, partition, rear	1
Boards, tail	1
Blocks, axletree	2
Blocks, stay, spare wheel	1
Blocks, check	2
Frames bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	16
Bolsters, body	1*a*
Bolsters, wheel plate, front	1*a*
Bolsters, wheel plate, rear	1*a*
Earbeds, front	1
Earbeds, rear	1
Sides, near	1
Sides, off	1
Summers	2
Hoops, bale (set of 6) sets	1*b*
Raves, near	1
Raves, off	1
Seats, front	1
Seats, hind	1
Sides, complete, with 4 stud staves and 1 cleat, near	1
Sides, complete, with 4 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Bolsters, bottom	1*c*
Bolsters, top, centre	1*a*
Bolsters, top, front	1*a*
Bolsters, top, rear	1*a*
Blocks, axletree	2
Futchels, inside	2
Futchels, outside	2
Poles, draught, No. 2	1
Swingletrees, No. 10A	2

a Bolsters of this description are required for both kinds of wagons, but differ in pattern.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.
c Articles, special, for wagons fitted with ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
WHEELS.	
Wheels, 2nd class C, No. 37, fore	2
Wheels, 2nd class C, ,, 38, hind	2*a*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class C, No. 40 .. .. steel	1
Boxes, grease, half round, 3-lbs. .. tin	2
Bracket, drag shoe .. .. .. steel	1
Buttons, cover board, main pin.. .. metal	2
Chains, drag shoe, No. 17 .. .. iron	1
Chains, footboard, with loops .. ,,	2
Clips, axletree .. .. ,,	2
Hooks, drag shoe and chain .. .. .. ,,	1
Hooks, headboard .. .. ,,	2
Hooks, with plate, joint, head and tailboard, plain .. ,,	2
Hooks, with plate, joint, head and tailboard, with keyway ,,	2
Hooks, with plate, lashing, half round .. ,,	4
Hooks, with plate, lashing, ...	12
Irons, guard, seat, front	2
Irons, nib	4
Irons, scroll, front	2
Irons, scroll, rear	2
Joints, seat, hind .. .. .. steel	2
Keys, split, flat, hook joint, head and tailboard, with chain .. iron	2
Keys, head and tail, with chain .. steel	4
Lubricators, ball, main pin .. .. metal	1*b*
Pins, main, ¼ inch, 2nd class, (special) .. steel	2
Pins, main, No. 2, with collar and key iron	1*c*
Pins, main, ,, 3, with metal ball, collar and key.. .. steel	1*b*

a Will be replaced by wheel No. 38A. when stock is used up.
b Articles, special, for wagons fitted with ball and socket, main pin.
c ,, ,, ,, ,, ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Plates, distinguishing..		iron	1
camp kettle, with hooks ..		,,	2
clip, bolster		,,	1*a*
locking wheels		,,	1
main pin		,,	1*a*
strap, joint	headboard ..	,,	2
	tailboard ..	,,	2
wrapping,	headboard ..	,,	2
	tailboard ..	,,	2
clip rave, with stays		steel	10
coupling, spring		,,	8
locking, body..		,,	1
Screws, looped, No. 3, flat		..	32
Shoes, drag, No. 6		iron	1
Soles, drag shoe, No. 15..		steel	1
Sockets, metal ball, main pin		..	1*b*
Springs, side, hind, with fittings ..		steel	2
spiral,	lubricating ..	,,	1*b*
	main pin.. ..	,,	1*b*
Staples, lashing, common,	$\frac{1}{4}$-inch	iron	18
	$\frac{3}{16}$,,	,,	6
with plate,	double	,,	10
	single	,,	14
socket ball, main pin.. ..		,,	2*b*
balehoop,	driving.. ..	steel	8
	plain	,,	28
joint, seat		,,	2
rave		,,	10
stud stave		,,	8
Washers, drag, 2nd class (special) ..		iron	2
Fore Carriage.			
Axletrees, 2nd class C, No. 39		steel	1
Clips, axletree		iron	2
Hooks, draught, with bolt and nut ..		steel	2
Irons, scroll, front		..	2
rear		..	2
Keys, split, flat, with chain, pin pole ..		iron	1

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Pins,	pole, with chain..	iron	1
	linch, 2nd class, (special) ..	steel	2
Plates,	clip, bolster	iron	1*a*
	friction, bolster	,,	2*b*
	locking wheel..	,,	1*a*
	main pin	,,	1*a*
	clip, spring, plain	steel	2*b*
	coupling, staple, bolster ..	,,	1*b*
	locking bolster	,,	1*b*
	strengthening sweep bar ..	,,	1
Sockets,	pole end	iron	1
	splinter bar..	,,	2
Springs, side, fore, with fittings ..		steel	2
Staples,	bolster..	iron	2*b*
	pole	,,	1
	socket pole	,,	2
	lashing, common, ¼-inch ..	,,	4
Stays, splinter bar,	flat, long ..	steel	2
	flat, short ..	,,	2
	round	,,	2
Washers, drag, 2nd class (special) ..		iron	2
Pole.			
Loops, clip, pole point		iron	1
Plates,	strengthening pole	,,	2
	bearing, pole bar	steel	1
Chains, draught pole, No. 2		iron	2
LEATHERWORK.			
Leathers, fixture,	cases, bill hook.. ..		1
	cases, felling axe ..		1
	for, sword		6
	for, spade		1
	for, shovel		1
	for, axe, pick long ..		1
	for, axe, pick short ..		1*b*
	for, maul		1

NOTE.—Wagon fitted with ordinary main pin and wheel plate take one more strap of 18″×1″ and one less of 26″×1″, and the additional fixture leather marked *c*, consequent upon the altered position of carrying the pickaxe.

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, .. ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 10 in. × 1 in. (bill hook) ..	2
10 in. × 1 in. (seat, driver's) ..	2
13 „ × 1 „ (felling axe) ..	2
13 „ × 1 „ (seats, when not in use)	2
18 „ × 1 „ (shovel)	1
18 „ × 1 „ (spade)	1
26 „ × 1 „ (pickaxe)	1*a*
26 „ × 1 „ (grease boxes) ..	2
26 „ × 1 „ (camp kettles) ..	2
26 „ × 1 „ (swingletrees) ..	2
36 „ × 1 „ (spare pole) ..	2
44 „ × 1 „ (camp kettles) ..	2
54 „ × 1 „ (lifting jack) ..	2
Covers, waterproof .. .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*
Lashings, tarred, 1-inch, 20 feet (spare wheel)	3

a See Note, page 100.
b These articles are required with each complete wagon but are charged separately. and must be so demanded.

WAGON, STORE, R.A., MARK I.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Boards, bottom	9
Boards, head	1
Boards, partition, front	1
Boards, partition, rear	1
Boards, partition, small	1
Boards, tail	1
Boards, top, front	1
Boards, top, rear	1

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Wagon, Store, R.A., Mark I—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Boxes, lantern, folding	1	
Boxes, stationery	1*a*	
Boxes, under	4	
Hoops, bale (set of 4) .. .. .. set	1*b*	
Props	4	
Sides, near	1	
Sides, off	1	
Trays, gun fittings	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 91 .. .. iron	1	
Bands, boxes, under, cranked .. ,,	4	
Bands, boxes, under, plain .. .. ,,	4	
Chains, tailboard.. .. .. .. ,,	2	
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	
Eyes, perch, No. 4 .. .. .. ,,	1	
Hinges, board, top, rear .. .. ,,	2	
Hooks, drag, chain .. .. ,,	1	
Hooks, drag, shoe .. .. ,,	1	
Hooks, joint, tailboard .. .. ,,	3	
Hooks, lashing, joint side .. ,,	2	
Hooks, lashing, with plate .. ,,	8	
Hooks, chain, tailboard, with loop .. ,,	2	
Hasps, boxes, under .. .. .. ,,	4	
Hasps, board, top .. .. .. ,,	6	
Hasps, stationery box .. .. ,,	2	
Hasps, tailboard .. .. .. ,,	1	
Irons, nib, head and tailboard..	4	
Irons, nib, lantern box..	2	
Joints, boards, partition and top .. iron	2	
Joints, side .. .. ,,	6	
Keys, split, head and tail, with chain.. iron	4	
Keys, flat, hook, joint, tailboard, with chain .. .. .. ,,	1	

a Complete with stationery books, printed forms, &c., for batteries on War Establishment.

b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Store, R.A., Mark I—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Loops, lashing, with rings .. .. iron	4
Perches .. .. „	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing.. .. cast iron	1
angle, connecting, rear .. iron	1
angle, side axletree .. „	2
angle, stay, axlebed .. „	2
boss, screw, thumb, small .. „	1
camp kettle, with hooks .. „	2
connecting, front .. .. „	1
strap, partition board, front .. „	3
strap, partition board, rear .. „	3
strap, headboard .. .. „	2
strap, joint, tailboard .. „	3
wrapping, headboard .. „	2
wrapping, joint, tailboard „	2
Screws, thumb, securing lantern-box, with chain .. .. steel	1
Sides, left .. .. „	1
Sides, right .. .. „	1
Staples, bale hoop, bevelled .. iron	8
Staples, bale hoop, plain .. .. „	8
Staples, lashing, riveting, ¼-inch .. „	16
Staples, lashing, with plate, double „	6
Staples, lashing, with plate, single „	37
Staples, prop stick, front .. .. „	1
Staples, prop stick, rear .. .. „	2
Staples, round crowned, $\frac{3}{16}$ inch .. „	1
Staples, round crowned, $\frac{5}{8}$ „ .. „	2
Steels, movable perch eye .. .. „	1
Turnbuckles, boxes, under .. .. „	4
Turnbuckles, wagon, sides .. .. „	6
Washers, drag, 2nd class C .. .. „	2
WHEELS.	
Wheels, 2nd class C, No. 35A *a*..	2*a*

a In some cases No. 36 wheel has been issued.

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Wagon, Store, R.A., Mark I—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK.	
Leathers, thong, for boxes under	4
Straps, securing, 10 in. × 1 in. (camp kettles) ..	2
10 in. × 1 in. (tool chest No. 5) ..	2
13 „ × 1 „ (props, rear)	2
18 „ × 1 „ (pit saw)	2
22 „ × 1 „ (crow bar)	2
22 „ × 1 „ (props, front) ..	1
22 „ × 1 „ (swingletrees) ..	4
30 „ × 1 „ (reaping hooks) ..	2
44 „ × 1 „ (camp kettles) ..	2
44 „ × 1 „ (case butchery implements)	1
54 „ × 1 „ (camp stool, heel ropes and picketing ropes)	1
72 „ × 1 „ (bundles of spare harness)	1
Ties, linch pin	2
Boxes, nail	4
Covers, waterproof .. .. .. canvas	1*a*
Lashings, tarred, 1-inch, 10 feet	2
Lashings, tarred, 1½ „ 32 „ wagon cover	2*a*
Rulers	1*b*
Bottles, ink (in brass case)	1*b*

WAGON, STORE, R.A., MARK II.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Boards, tail	1
Boxes, lantern, folding	1
Boxes, stationery	1*c*
Boxes, front	1
Boxes, centre	1
Boxes, rear	1

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

b These form a part of the stationery box, and as such are issued with it.

c Complete with stationery, books, printed forms, &c., for batteries on War Establishment.

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK—*continued.*	
Hoops, bale (set of 4) .. .. .. set	1*a*
Props	4
DETAIL OF IRONWORK.	
Axletrees, 2nd class C, No. 38 .. .. steel	1
Bearings, axletree, bottom .. .. ,,	1
Bearings, axletree, top left .. ,,	1
Bearings, axletree, top right .. ,,	1
Brackets, screw thumb, securing boxes ,,	4
Chains, crow bar with ring and loop .. iron	1
Eyes, perch, No. 7 .. .. .. ,,	1
Flanges, axletree, side, left .. .. steel	1
Flanges, axletree, side, right .. ,,	1
Handles, heart plate, with nib left .. iron	3
Handles, heart plate, with nib right ,,	3
Hasps, stationery box .. .. .. ,,	2
Hasps, store boxes .. .. .. ,,	6
Hasps, tailboard .. .. .. ,,	1
Hinges, tailboard left .. .. ,,	1
Hinges, tailboard right .. .. ,,	1
Hooks, drag, chain .. .. ,,	1
Hooks, drag, shoe.. .. .. ,,	1
Hooks, lashing .. .. .. ,,	2
Hooks, ,, with plate .. .. ,,	10
Hooks, camp kettle .. .. .. steel	4
Irons, nib, lantern box	2
Perches .. .. steel	1
Pins, linch, 2nd class .. .. .. ,,	2
Plates, distinguishing .. cast iron	1
Plates, connecting, front left .. steel	1
Plates, connecting, front right .. ,,	1
Plates, connecting, rear .. .. ,,	1
Screws, thumb, securing, lantern box, with chain and key steel	1
Screws, thumb, securing, stationery and store boxes, with chain and key .. ,,	4
Sides, left .. .. steel	1
Sides, right .. .. ,,	1
Sockets, nib, iron .. .. .. ,,	4

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Staples, lashing, riveting, $\frac{5}{16}$ inch iron	8
Staples, lashing, with plate, single ,,	22
Staples, lashing, ,, (special) ,,	4
Staples, round crowned, small .. ,,	1
Staples, prop stick, front .. .. ,,	1
Staples, prop stick, rear .. .. ,,	2
Staples, bale hoop, bevelled .. steel	12
Staples, bale hoop, plain .. .. ,,	4
Stays, channel, centre, front .. ,,	1
Stays, channel, centre, rear .. ,,	1
Stays, channel, front, left .. ,,	1
Stays, channel, front, right .. ,,	1
Stays, channel, rear, left .. ,,	1
Stays, channel, rear, right .. ,,	1
Stays, connecting, rear .. .. ,,	1
Steels, movable, perch eye	1
Turnbuckles, tailboard .. .. iron	1
Turnbuckles, store boxes .. .. ,,	6
Washers, drag, 2nd class C .. .. steel	2
WHEELS.	
Wheels, 2nd class C, No. 35A	2
LEATHERWORK.	
Straps, securing, 10 in. × 1 in. (camp kettles) ..	2
Straps, securing, 10 in. × 1 in. (tool chest, No. 5)	2
Straps, securing, 13 ,, × 1 ,, (props front) ..	1
Straps, securing, 13 ,, × 1 ,, (props rear) ..	2
Straps, securing, 22 ,, × 1 ,, (swingletree) ..	4
Straps, securing, 30 ,, × 1 ,, (reaping hooks) ..	2
Straps, securing, 44 ,, × 1 ,, (camp kettles) ..	2
Straps, securing, 44 ,, × 1 ,, (case butchery implements) ..	1
Straps, securing, 54 ,, × 1 ,, (camp stool, heel ropes, and picketing ropes) ..	1
Straps, securing, 72 ,, × 1 ,, (bundles of spare harness) ..	1
Ties, linch pin	2

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Covers, waterproof .. .. canvas	1*a*
Lashings, tarred, 1-inch, 10 feet	2
Lashings, tarred, 1½ ,, 32 ,, wagon cover	2*a*
Rulers	1*b*
Bottles, ink (in brass case)	2*b*

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.
b These form a part of the stationery box, and, as such, are issued with it.

WAGON, FORGE, R.A., MARK I*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Beds, axletree	1
Boards, bottom	9
Boards, head	1
Boards, partition	1
Boards, tail	1
Boards, top, centre	1
Boards, top, front	1
Boards, top, rear	1
Boxes, lantern, distinguishing	1
Boxes, lantern, folding	1
Boxes, under	4
Chests, without drawers, smiths' tools ..	1
Chests, without drawers, wheelers' tools ..	1
Drawers, smiths' tool chests, No. 1, shoeing tools ..	1
Drawers, smiths' tool chests, ,, 2, 3 miscellaneous tools	1
Drawers, smiths' tool chests, ,, 4	1
Drawers, wheeler's tool chest, No. 1, 2 miscellaneous tools ..	1
Drawers, wheeler's tool chest, ,, 3, bolts, rivets, nails, screws, &c.	1
Drawers, wheeler's tool chest, ,, 4, stocks and dies	1

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Hoops, bale (set of 4) .. .. .. set	1*a*	
Props	4	
Sides, near	1	
Sides, off	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 44 .. .. iron	1	
Bands, boxes, under cranked .. ,,	4	
Bands, boxes, under plain .. ,,	4	
Bands, yoke, axletree, with nuts .. ,,	2	
Chains, tailboard .. .. .. ,,	2	
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Eyes, perch, No. 3 .. .. .. ,,	1	Either Mark IV or G.S. Mark II forge as may be required.
Forges, field, R.A., complete with 1-cwt. anvil and block	1	Either Mark IV or G.S. Mark II forge as may be required.
Guides, angle, forge, tailboard .. .. steel	4	Either Mark IV or G.S. Mark II forge as may be required.
Guides, angle, forge, wagon body .. ,,	4	Either Mark IV or G.S. Mark II forge as may be required.
Hasps, boxes, under .. .. .. iron	4	
Hasps, boards, top .. .. .. ,,	4	
Hinges, guide forge, angle, large .. ,,	1	
Hinges, guide forge, angle, small, left ,,	1	
Hinges, guide forge, angle, small, right ,,	1	
Hinges, plain .. .. ,,	2	
Hinges, partition board .. .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain, large .. .. ,,	1	
Hooks, drag chain, small .. .. ,,	1	
Hooks, drag shoe .. .. .. ,,	1	
Hooks, joint, tailboard .. .. .. ,,	3	
Hooks, lashing, joint, side .. .. ,,	2	
Hooks, lashing, with plate .. .. ,,	8	
Hooks, chain, tailboard, with loop .. ,,	2	
Irons, nib, ...	2	
Irons, nib, lantern box	4	
Joints, boards, partition and top .. iron	2	
Joints, side .. .. ,,	6	

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Keys, split, flat, head and tail .. iron	4
with chain, hook joint, tailboard ,,	1
Loops, lashing, with rings .. .. ,,	4
Perches .. .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing .. .. cast iron	1
angle, connecting, rear.. .. iron	1
boss, thumb screws, large .. ,,	4
small .. ,,	1
camp kettle, with hooks .. ,,	2
clip, wagon, sides .. .. ,,	10
connecting, front .. .. ,,	1
coupling, yoke, bands .. .. ,,	2
lining, tailboard .. .. ,,	1
strap, clip, side (set of 3), sets ,,	2
headboard .. .. ,,	2
joint, tailboard .. ,,	3
partition board, with nuts, iron	3
strengthening perch, with bolts and nuts .. .. iron	3
striking, partition board .. ,,	2
stud anvil block .. .. ,,	1
wrapping, headboard .. ,,	2
tailboard .. ,,	2
Screws, thumb, with lantern box .. steel	1
chain, securing, tool chests .. ,,	4
Sides, left .. .. ,,	1
right .. .. ,,	1
Staples, bale hoop, bevelled .. iron	8
plain .. ,,	8
lashing, riveting, $\frac{1}{4}$-inch ,,	16
with plate, double ,,	8
single ,,	8
round crowned, $\frac{3}{10}$-inch ,,	1
Steels, movable, perch, eye	1
Turnbuckles, tailboard .. .. iron	1
boxes, under .. .. ,,	4
wagon sides .. .. ,,	4
Washers, drag, 2nd class C .. .. ,,	2
WHEELS.	
Wheels, 2nd class C, No. 35A	2

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
LEATHERWORK.		
Straps, securing, 10 in. × 1 in. (camp kettles)	2	
13 „ × 1 „ (grindstone)	1	
13 „ × 1 „ (props, rear)	2	
18 „ × 1 „ (forge)	2	
18 „ × 1 „ (panniers)	4	
18 „ × 1 „ (pit saw)	2	
18 „ × 1 „ (stays, forge frame, with poker and slice) ..	2	
22 „ × 1 „ (forge)	2	
22 „ × 1 „ (props, front)	1	
26 „ × 1 „ (lifting jack and two helves)	2	
26 „ × 1 „ (sledge hammer) ..	2	
44 „ × 1 „ (camp kettles)	2	
60 „ × 1½ „ (anvil)	1	
63 „ × 1 „ (coal sacks)	2	
72 „ × 1 „ (anvil block)	1	
Ties, linch pin	2	
Covers, canvas, waterproof	1*a*	
Lashings, tarred 1-inch, 10-feet	2	
Lashings, tarred 1½ „ 32 „ wagon cover	2*a*	

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

WAGONS, FORGE, R.A., MARKS II OR II*. *a*

Description.	No.	
COMPONENT PARTS.		
DETAIL OF WOODWORK.		
Boards, bottom	9	
Boards, head	1	
Boards, partition	1	
Boards, tail	1	
Boards, top, centre	1	
Boards, top, front	1	
Boards, top, rear	1	
Boxes, lantern, distinguishing	1	For ammunition column only.
Boxes, lantern, folding	1	
Boxes, under	4	
Chests, without drawers, smiths' tools ..	1	
Chests, without drawers, wheelers' tools ..	1	

a The Marks II and II* wagons are the same, excepting that the Mark II carries the "Forge, field, R.A., Mark III or IV," and the Mark II* the "Forge, field G.S., Mark II."

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Drawers, smiths' tool chest, No. 1, shoeing tools ..	1	
„ 2 } miscellaneous tools	1	
„ 3 }		
„ 4	1	
wheelers' tool chest, No. 1 } miscellaneous tools	1	
„ 2 }		
„ 3, bolts, rivets, nails, screws, &c.	1	
„ 4, stocks and dies ..	1	
Hoops, bale (set of 4)	1*a*	
Props .. .. sets	4	
Sides, near	1	
off	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 91 .. .. iron	1	
Bands, boxes, under, cranked .. .. „	4	
plain .. .. „	4	
Chains, tailboard .. .. .. „	2	
Collars, axletree, point .. .. „	2	Only required when running 2nd class B wheels on C axletrees.
shoulder .. .. „	2	
Eyes, perch, No. 4 .. .. .. iron	1	
Forges, field, complete, with 1-cwt. anvil and block	1	Either R.A., Mark IV, or G.S. Mark II, as required.
Guides, angle, forge, tailboard .. .. steel	4	
wagon body .. „	4	
Hasps, boxes, under .. .. .. iron	4	
boards, top .. .. .. „	4	
Irons, nib, ...	4	
lantern box	2	
Hinges, guide, forge, angle, large .. .. iron	1	
small, left .. „	1	
right „	1	
plain .. .. .. „	2	

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Hinges, partition board .. .. .. metal	2
Hooks, drag, chain, large .. iron	1
Hooks, drag, chain, small .. ,,	1
Hooks, drag, shoe .. .. .. ,,	1
Hooks, joint, tailboard.. .. .. .. ,,	3
Hooks, lashing, joint, side .. .. ,,	2
Hooks, lashing, with plate .. .. ,,	8
Hooks, chain, tailboard, with loop .. ,,	2
Joints, boards, partition and top .. ,,	2
Joints, side .. .. ,,	6
Keys, split, flat, with chain, head and tail .. ,,	4
Keys, split, flat, with chain, hook joint, tailboard ,,	1
Loops, lashing, with rings .. .. ,,	4
Perches .. .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing .. .. cast-iron	1
Plates, angle, connecting, rear .. iron	1
Plates, angle, side, axletree .. .. ,,	2
Plates, angle, stay, axlebed .. .. ,,	2
Plates, boss, thumb screws, large .. ,,	4
Plates, boss, thumb screws, small .. ,,	1
Plates, camp kettle, with hooks .. ,,	2
Plates, clip, wagon, sides .. .. ,,	10
Plates, connecting, front .. .. ,,	1
Plates, lining, tailboard .. .. ,,	1
Plates, strap, clip, side (set of 3), sets ,,	2
Plates, strap, headboard .. .. ,,	2
Plates, strap, joint, tailboard .. ,,	3
Plates, strap, partition board, with nut ,,	3
Plates, stud, anvil block .. .. ,,	1
Plates, wrapping, headboard .. ,,	2
Plates, wrapping, tailboard .. ,,	2
Screws, thumb, lantern box, with chain steel	1
Screws, securing, tool chests ,, ,,	4
Sides, left .. .. ,,	1
Sides, right .. .. ,,	1
Staples, bale hoop, bevelled .. ,,	8
Staples, bale hoop, plain .. ,,	8
Staples, lashing, riveting, $\frac{1}{4}$-inch ,,	16
Staples, lashing, with plate, double ,,	8
Staples, lashing, with plate, single ,,	8
Staples, round crowned, $\frac{3}{16}$-inch .. ,,	1

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Steels, movable, perch eye	1
Turnbuckles, tailboard .. .. iron	1
Turnbuckles, boxes under .. .. ,,	4
Turnbuckles, wagon sides .. .. ,,	4
Washers, drag, 2nd class C .. .. ,,	2
WHEELS.	
Wheels, 2nd class C, No. 35A	2
LEATHERWORK.	
Leathers, thong, for boxes, under	4
Straps, securing, 10 in. × 1 in. (camp kettles)	2
Straps, securing, 13 ,, × 1 ,, (grindstone)	1
Straps, securing, 13 ,, × 1 ,, (props, rear)	2
Straps, securing, 18 ,, × 1 ,, (forge)	2
Straps, securing, 18 ,, × 1 ,, (panniers)	4
Straps, securing, 18 ,, × 1 ,, (pit saw)	2
Straps, securing, 18 ,, × 1 ,, (stays forge frame with poker and slice) ..	2
Straps, securing, 22 ,, × 1 ,, (forge)	2
Straps, securing, 22 ,, × 1 ,, (props, front)	1
Straps, securing, 26 ,, × 1 ,, (lifting jack and two helves)	2
Straps, securing, 26 ,, × 1 ,, (sledge hammers) ..	2
Straps, securing, 36 ,, × 1½ ,, (anvil)	1
Straps, securing, 44 ,, × 1 ,, (camp kettle)	2
Straps, securing, 63 ,, × 1 ,, (coalsacks)	2
Straps, securing, 72 ,, × 1 ,, (anvil block)	1
Ties, linch pin	2
Boxes, nail	4
Covers, canvas, waterproof	1*a*
Lashings, tarred, 1-inch, 10 feet	2
Lashings, tarred, 1½ ,, 32 ,, wagon cover	2*a*

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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LIMBER, WAGON, STORE, R.A., MARK II*.

Description.				No.
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 38 ..		..	steel	1
Bars, supporting draught pole, No. 2		..	..	1
Boards,	foot ..	..	..	1
	platform	..	..	1
Boxes, grease, half-round, 3 lbs.		..	tin	1
Brackets,	futchel, left	..	steel	1
	futchel, right	..	,,	1
	pole ..	..	,,	1
	securing box	..	,,	2
Flanges, axletree, futchel,	inside	..	,,	2
	outside	..	,,	2
Futchels,	inside, left	..	,,	1
	inside, right	..	,,	1
	outside, left	..	,,	1
	outside, right	..	,,	1
Hooks,	limber, No. 3 ..	..	iron	1
	bucket ..	..	steel	1
	draught, near	..	,,	1
	draught, off	..	,,	1
	magazine (set of 4)	.. sets	,,	1
Keys,	pole pin, No. 17 pole	..	iron	1
	limber hook, No. 2, with chain		steel	1
Pins,	pole, No. 17, pole	..	iron	1
	linch 2nd class ..	..	steel	2
Plates,	angle, connecting, near	..	,,	1
	angle, connecting, off	..	,,	1
	camp kettle, with hook	..	,,	1
	carrying, grease box ..	..	,,	1
	connecting, front	..	,,	1
	connecting, rear	..	,,	1
	nib, pole	..	,,	1
Screws, thumb, securing box, with chain and key		..	steel	2
Staples, lashing, $\frac{5}{16}$-inch		..	iron	2
	lashing, $\frac{1}{4}$,,	..	,,	10
	with plate, double	..	,,	1
	with plate, single	..	,,	5
	box, outside, left	..	steel	1
	box, outside, right	..	,,	1
Stays, futchel, angle,	centre	..	,,	1
	rear, near	..	,,	1
	rear, off	..	,,	1
	front, near	..	,,	1
	front, off	..	,,	1

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Limber, Wagon, Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Steels, movable, limber hook	1
Washers, drag, 2nd class C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loop, clip, pole point .. .. iron	1
Plates, wrapping pole, with nails copper	1
Plates, pole pin .. .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 10A	2
Boxes.	
Boxes, limber	1
Parts of—	
Boards, cover	2
Cover .. .. canvas	1
Handles, heart plate, with nib .. iron	2
Handles, heart plate, ,, double ,,	2
Hasps	1
Irons, guard, near	1
Irons, guard, off	1
Irons, nib	2
Keys, guard iron, with chain and loop iron	4
Lock, complete, with key and stop pin metal	1
Plates, striking .. .. .. iron	1
Staples, lashing, with plate, double .. ,,	2
Staples, lashing, with plate, single .. ,,	16
Staples, lashing, with plate, treble .. ,,	2
Staples, spade .. .. .. steel	2
Trays, lower .. .. .. wood	1
Trays, upper .. .. .. ,,	1
Turnbuckle .. .. iron	1
Boxes, rivets, screws, and staples .. tin	2*a*
Boxes, tallow, Russian .. .. ,,	1*a*
Boxes, wax, bees	1*a*
Cans, oil, Rangoon, 8 pints .. .. tin	2*a*

a These boxes and cans form part of the limber box, and as such are issued with it.

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Limber, Wagon, Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
WHEELS.	
Wheels, 2nd class C, No. 35A	2
LEATHERWORK.	
Leathers, fixture, cases, billhook ..	1
drag washer ..	1
felling axe ..	1
water brush ..	1
loops, blanket	4
felling axe ..	1
pickaxe	1
hand	2
Straps, securing, 10 in. × 1 in. (bill hook)	1
(water brush) ..	1
13 ,, × ¾ ,, (spades)	2
13 ,, × 1 ,, (drag washer) ..	1
(felling axe) ..	1
(pickaxe)	1
18 ,, × 1 ,, (pickaxe)	1
(spades)	2
22 ,, × 1 ,, (swords)	2
26 ,, × 1 ,, (grease box) ..	1
(kit bags, R.A.) ..	4
28 ,, × 1 ,, P.B. (blankets) ..	4
30 ,, × 1 ,, (drag ropes and swingletrees) ..	2
44 ,, × 1 ,, (picketing gear in bag)	2
Ties, linch pin	2

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LIMBERS, WAGON, FORGE, R.A., MARK II*, AND STORE, R.A., MARK I*.

Description.		Forge, R.A., Mark II*.	Store, R.A., Mark I*.	
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 90 ..	iron	1	1	
Bars, supporting draught pole, No. 2 ..		1	1	
Brackets, supporting pole staple..	steel	1	1	
Bars, splinter	,,	1	1	
Boards, foot		1	1	
Boards, platform		1	1	
Boxes, grease, half-round, 3-lbs. ..	tin	1	1	
Collars, axletree, point	iron	2	2	These are only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder ..	,,	2	2	
Futchels		3	3	
Hooks, bucket	iron	1	1	
Hooks, limber, No. 7	,,	1	1	
Hooks, draught, near	steel	1	1	
Hooks, draught, off	,,	1	1	
Keys, pole, pin, No. 17 pole ..	iron	1	1	
Keys, limber hook, No. 1, with chain	steel	1	1	
Pins, pole, No. 17 pole	iron	1	1	
Pins, staple box, with chains, rings, and loops	,,	3	3	
Pins, linch, 2nd class	steel	2	2	
Plates, angle, connecting axletree and bed	iron	7	7	
Plates, angle, supporting limber box ..	,,	2	2	
Plates, camp kettle, with hooks..	,,	1	1	
Plates, side	,,	2	2	
Plates, stop, limber box	,,	2	2	
Plates, top, axletree bed.. ..	,,	1	1	
Plates, nib, pole	steel	1	1	
Shackles, small		1	1	
Staples, flat crowned, ¼-inch ..	iron	2	2	
Staples, lashing, common ⅜-inch	,,	2	2	
Staples, lashing, common ¼ ,,	,,	10	10	
Staples, lashing, riveting, ¼-inch	,,	4	4	
Staples, lashing, with double plate, double ..	,,	2	2	
Staples, lashing, with double plate, single ..	,,	8	8	
Staples, pole	steel	1	1	
Stays, axletree bed	,,	2	2	
Stays, futchel, near	,,	1	1	
Stays, futchel, off	,,	1	1	

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Limbers, Wagon, Forge, R.A., Mark II*, and Store, R.A., Mark I*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.
COMPONENT PARTS—*continued.*		
Steels, movable, limber hook .. steel	2	2
Washers, drag, 2nd class C .. ,,	1	1
Poles, draught, No. 17	1	1
Parts of—		
Irons, nib	1	1
Loop, clip, pole point .. .. iron		
Plates, wrapping pole, with nails	1	1
Plates, copper	2	2
Plates, pole pin .. .. iron	1	1
Plates, bearing, pole bar .. steel	2	2
Swingletrees, No. 10A	2	2
Boxes.		
Boxes, limber	1	1
Parts of—		
Boards, cover, ...	—	1
Boards, cover, large	1	—
Boards, cover, small	1	—
Cover .. .. .. canvas	1	1
Handles, heart plate, ... iron	2	2
Handles, heart plate, with nib .. ,,	2	2
Hasps .. .. ,,	1	1
Irons, guard, near	1	1
Irons, guard, off	1	1
Keys, guard iron, with chain and loop .. .. iron	4	4
Lock, complete, with key and stop pin .. .. metal	1	1
Plates, striking .. .. .. iron	1	1
Staples, lashing, with plate, double .. ,,	2	2
Staples, lashing, with plate, single .. ,,	16	16
Staples, lashing, with plate, treble .. ,,	2	2
Trays, lower .. .. .. wood	—	1
Trays, upper .. .. .. ,,	—	1
Trays, long .. .. .. ,,	1	—
Trays, medium .. .. ,,	1	—
Trays, short .. .. .. ,,	1	—
Turnbuckles .. .. .. iron	1	1
Boxes, dubbing, ... tin	11*a*	—
Boxes, flour .. .. .. ,,	1*a*	—
Boxes, glue .. .. .. ,,	1*a*	—

a These boxes and cans form part of the limber box, and as such are issued with it.

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Limbers, Wagon, Forge, R.A., Mark II*, and Store, R.A., Mark I*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.
COMPONENT PARTS—*continued.*		
Boxes, leathers, hydraulic buffer tin	1*a*	—
Boxes, rivets, screws, and staples ,,	—	2*a*
Boxes, tallow, Russian .. .. ,,	—	1*a*
Boxes, wax, bees .. .. ,,	—	1*a*
Boxes, wax, black .. .. ,,	1*a*	—
Cans, oil, linseed .. .. ,,	1*a*	—
Cans, oil, olive .. .. ,,	1*a*	—
Cans, oil, Rangoon, 12 pints ,,	1*a*	—
Cans, oil, Rangoon, 8 ,, ,,	—	2*a*
Cans, paint, black .. .. ,,	1*a*	—
Cans, paint, white .. .. ,,	1*a*	—
Cans, turpentine .. .. ,,	1*a*	—
Cans, varnish .. .. .. ,,	1*a*	—
Case, ink bottle .. .. .. ,,	1*a*	—
WHEELS.		
Wheels, 2nd class C, No. 35A	2	2
LEATHERWORK.		
Leathers, fixture, cases, billhook ..	1	1
Leathers, fixture, cases, felling axe ..	1	1
Leathers, fixture, cases, water brush	1	4
Leathers, fixture, loops, blanket ..	4	1
Leathers, fixture, loops, felling axe ..	1	1
Leathers, fixture, loops, pick axe ..	1	2
Leathers, fixture, for, shovel ..	1	1
Leathers, fixture, for, spade ..	1	2
Leathers, hand	2	2
Straps, securing 10 in. × 1 in. (billhook) ..	1	1
Straps, securing 13 ,, × 1 ,, (felling axe) ..	1	1
Straps, securing 13 ,, × 1 ,, (water brush) ..	1	1
Straps, securing 18 ,, × 1 ,, (spades)	2	2
Straps, securing 22 ,, × 1 ,, (swords)	2	2
Straps, securing 26 ,, × 1 ,, (grease box) ..	1	1
Straps, securing 26 ,, × 1 ,, (grindstone, when in use) ..	2	—
Straps, securing 26 ,, × 1 ,, (kit bags, R.A.)	4	4
Straps, securing 26 ,, × 1 ,, (pickaxe) ..	1	1
Straps, securing 28 ,, × 1 ,, P.B. (blankets) ..	4	4

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Limbers, Wagon, Forge, R.A., Mark II*, and Store, R.A., Mark I*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.
COMPONENT PARTS—*continued.*		
LEATHERWORK—*continued.*		
Straps, securing, 30 in. × 1 in. (pickaxe) ..	1	1
30 in. × 1 in. (drag ropes and swingletrees) ..	2	2
44 ,, × 1 ,, (picketing gear in bag)	2	2
46 ,, × 2 ,, (store box) ..	2	2
Ties, linch pin	2	2

LIMBER WAGON, FORGE, R.A., MARK I**

Description.		No.	
COMPONENT PARTS.			
Axletrees, 2nd class, C, No. 44 ..	iron	1	
Bands, yoke, axletree, with nuts ..	,,	2	
Bars, supporting draught pole, No. 2 ..	..	1	
Beds, axletree	wood	1	
Boards, foot		1	
Boards, platform		1	
Boxes, grease, half-round, 3-lbs. ..	tin	1	
Brackets, angle, supporting limber box, double	iron	1	
Brackets, angle, supporting limber box, single	,,	2	
Collars, axletree, point	,,	2	These are only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder	,,	2	These are only required when running 2nd class B wheels on C axletrees.
Futchels		3	
Hooks, bucket..	iron	1	
Hooks, limber, No. 6	,,	1	
Hooks, draught, near	steel	1	
Hooks, draught, off	,,	1	
Keys, pole pin, No. 17 pole	iron	1	
Keys, limber hook, No. 5, with chain	steel	1	
Pins, pole, No. 17 pole	iron	1	
Pins, staple, box, with chains, rings, and loops	iron	3	
Pins, linch, 2nd class..	steel	2	

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Limber, Wagon, Forge, R.A., Mark I**—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Plates, camp kettle, with hook .. iron	1
Plates, coupling bands, yoke .. ,,	2
Plates, stop, limber box .. .. ,,	2
Staples, flat crowned, ¼ inch .. ,,	2
Staples, lashing, common ⅜-inch ,,	2
Staples, lashing, common ¼ ,, ,,	14
Staples, lashing, riveting, ¼-inch .. ,,	4
Staples, lashing, with plate double ,,	2
Staples, lashing, with plate single ,,	2
Staples, pole .. .. steel	1
Steels, movable, limber hook	1
Washers, drag, 2nd class C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loop, clip, pole point .. .. iron	1
Plates, wrapping pole, with nails copper	1
Plates, pole pin .. .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 10A	2
Boxes.	
Boxes, limber	1
Parts of—	
Boards, cover, large	1
Boards, cover, small	1
Cover .. .. canvas	1
Handles, ... iron	2
heart plate, with nib .. .. ,,	2
Hasps .. .. ,,	1
Irons, guard, near	1
Irons, guard, off	1
Keys, guard iron, with chain and loop iron	4
Lock, complete, with key and stop pin metal	1
Plates, striking .. .. .. iron	1
Staples, lashing, with plate, double iron	2
Staples, lashing, with plate, single ,,	16
Staples, lashing, with plate, treble ,,	2
Trays, long .. .. .. wood	1
Trays, medium .. .. .. ,,	1
Trays, short .. .. .. ,,	1
Turnbuckle .. .. iron	1

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Limber, Wagon, Forge, R.A., Mark I**—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, dubbing .. .. .. tin	11*a*
flour .. .. ,,	1*a*
leathers, hydraulic buffer .. ,,	1*a*
glue .. .. ,,	1*a*
wax, black .. .. .. ,,	1*a*
Cans, oil, linseed .. .. ,,	1*a*
oil, olive .. .. .. ,,	1*a*
oil, Rangoon .. .. ,,	1*a*
paint, black .. .. ,,	1*a*
paint, white .. .. ,,	1*a*
turpentine .. .. .. ,,	1*a*
varnish .. .. .. ,,	1*a*
Cases, ink bottle.. .. .. .. ,,	1*a*
WHEELS.	
Wheels, 2nd class C, No. 35A	2
LEATHERWORK.	
Leathers, fixture, cases, felling axe ..	1
fixture, cases, water brush ..	1
fixture, loops, blankets ..	4
fixture, loops, felling axe ..	1
fixture, loops, pick axe ..	2
fixture, for, billhook.. ..	1
fixture, for, shovel	1
fixture, for, spade	1
hand	2
Straps, securing, 10 in. × 1 in. (billhook)	1
13 ,, × 1 ,, (felling axe)	1
13 ,, × 1 ,, (water brush) ..	1
18 ,, × 1 ,, (spades)	2
22 ,, × 1 ,, (swords)	2
26 ,, × 1 ,, (grease box) ..	1
26 ,, × 1 ,, (kit bags, R.A.) ..	4
26 ,, × 1 ,, (grindstone, when in use)	2
26 ,, × 1 ,, (pick axe)	1
28 ,, × 1 ,, P.B. (blankets) ..	4
30 ,, × 1 ,, (pick axe)	1
30 ,, × 1 ,, (drag ropes and swingletrees) ..	2
44 ,, × 1 ,, (picketing gear in bag)	2
46 ,, × 2 ,, (store box)	2
Ties, linch pin	2

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[*Issued with Army Order, dated 1st April, 1902.*]

EQUIPMENT REGULATIONS, 1901.

PART 2. SECTION XIa.

ROYAL FIELD ARTILLERY DETAILS, B.L. 15-pr.

AMENDMENTS.

Page 5 (para. 14)—
2nd line. *After* "marked," *insert* "camp kettles in white, others."

Page 8—
Dele "Shot," B.L., case," *insert* "Shot, B.L. or Q.F., case, 15 and 12-pr., Mark V."

Page 11 (para. 33)—
"R.F.A. battery on higher peace establishment."
"R.F.A. " lower " " ."
Dele details, *and insert* :—

"40	..	4	17	24	24	23	6	2	1	7	10	10	9	2	1	40
..	6								..	1	1	2	2	..	..	6
60	..	6	17	24	24	23	6	2	2	10	14	14	14	4	2	60
..	6								..	1	1	2	2	..	..	6

Page 15—
Dele Section "XIV," *insert* "XV."
Dele para. "44," *insert* "45."
Insert fresh section and para. as follows :—

"XIV.—EQUIPMENT FOR INSTRUCTION IN RECONNAISSANCE.

44. The following will be allowed to each battery of Royal Field Artillery for the instruction of non-commissioned officers in reconnaissance.

Woolwich Section, No. 29.

Compasses, magnetic, pocket, 2 } Peace and War.
Protractors, ivory, 6-inch, 2 }

Miscellaneous.

Conventional signs, 6 }
Note book for reconnaissance, 6*a* } Stationery Office Supply.
Pencils, black lead, 12*a* }

Rulers, flat, boxwood, 1 foot (marked in inches), 6 { To be purchased locally.

a. Annually."

(Wt. 250 1000 4 | 02—H & S 9344*b*)

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Page 16—
Dele Section "XV," *insert* "XVI."

Page 18—
"Tools, screw cutting, &c." *Against* "Tip, oil," *insert* "(Mark I).".

Page 22—
At end of footnote "*a*" *dele* "chest," and *insert* "store wagon."

Page 23—
At end of footnote "*a*" *dele* "store wagon," and *insert* "chest."

Page 26, Table 1—

Dele "Scabbards, sword, Cavalry, pattern 1899, Mark I ..	4	3	"
Insert "Scabbards, sword, Cavalry, pattern 1899, Mark I ..	1	1	"
Dele "Swords, Cavalry, pattern 1899	4	3	"
Insert "Swords, Cavalry, pattern 1899	1	1	"
Table 2—			
Dele "Belts, waist, buff, Cavalry, pattern 1885 S.S.	2	2	"
Dele "Belts, waist, buff, Cavalry, pattern 1885 O.R.	2	1	"
Insert "Belts, waist, buff, Cavalry, pattern 1885 .. S.S. ..	1	1	"
Insert "Belts, waist, buff, Cavalry, pattern 1885 .. O.R. ..	3	2	"
Against "Knots, sword, buff," *dele* "G.S.	2	2	"
Insert "G.S.	1	1	"

Dele "Cavalry, line, O.R., and detail."

Page 31, Table 10—
Against "Carbines." *Dele* "12 per battery," *insert* "24 per battery."
Dele "Pistols, Webley, *a.b.* | 1 per staff serjeant *d* and 1 per driver."
Insert "Pistols, Webley, *a* | 1 per staff serjeant *c* and 1 per driver."
Against "Reflectors, mirror," *dele* letter "*c*" and *insert* "*b*."
Dele "Scabbards" .... } and detail.
„ "Sword bayonets, M.H. carbine *a*" }
„ "Swords, Cavalry, pattern 1899" .... }
Dele footnote "*a*."
Dele footnote "*b*," *insert* "*a*. 48 of the normal war establishment are allowed for use in peace for instructional purposes, &c."
Dele footnote "*c*," *insert* "*b*."
Dele footnote "*d*," *insert* "*c*."

Page 32, Table 11—
Dele "case shot," *insert* "shot, B.L. or Q.F. case, 15 and 12-pr., Mark V."

Page 33, Table 12—
Against "Belts, waist, buff, Cavalry, patt. '85 O.R."
Dele "1 per Cavalry sword other ranks."
Insert "All N.C. Officers (except staff-serjeants), trumpeters, and shoeing smiths."
Dele "Frogs, buff, bayonet, G.S." } and detail.
„ "Knots, sword, buff" }
Dele "Whistles, Infantry," *insert* "Whistles, Artillery."

Page 34, Table 13—
Against "Buckles, brass," *dele* "frog" .... }
Dele "Buttons, brass" .... }
„ "Hooks, brass, side, Cavalry, line" .... } and detail
„ "Loops, brass, waist-belt, Cavalry, patt. '85" .... }
Against "Pieces, leather, buff," *dele* "3 in. × ½ in. (for sword knot)" }
Dele "Straps, buff, frog" .... }

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Page 38, Table 17—

Against "Pickers, hoof," *dele* detail, and *insert* "1 per mounted man."

Pages 42 and 43, Table 20—

Dele "Pins, linch, 2nd Class, Mark II .. (spare)	1	1	1	1	1	—	1	1	—	—	—	"
Insert "Pins, linch, 2nd Class, Mark II .. (spare)	1*f*	1*f*	1	1	1	—	1*f*	1*f*	—	6	5	"
Insert "Pockets, T friction tubes .. .. (spare)	—	—	—	—	—	6*ck*	—	—	—	6*ck*	6*ck*	"
Dele "Washers, drag, 2nd Class 'C,' Mark II .. (spare)	1	1	1	1	1	—	1	1	—	9	8	"
Insert "Washers, drag, 2nd Class 'C,' Mark II (spare)	1*f*	1*f*	1	1	1	—	1*f*	1*f*	—	6	5	"

Insert footnote "*k.* For Mark IV carriages only."

Page 44, Table 22—

Insert "Miscellaneous, stores *d*	30	0	—	—	—	— "

Insert footnote "*d.* Per battery."

Pages 46 and 47, Table 25—

Dele "Axes, felling, curved helve	1	1	1	1	1	—	1	1	—	9	8	"
Insert "Axes, felling, curved helve	1	—	1	1	1	—	1	—	—	6	6	"
Dele "Racks, arm, tent ..	—	—	—	—	—	7	—	—	—	2*g*	2*g*	"
Insert "Racks, arm, tent ..	—	—	—	—	—	7*f*	—	—	—	2*g*	2*g*	"
Dele "Ropes, head, hemp, with ring	—	—	—	—	—	131	—	—	—	90	66	"
Insert "Ropes, head, hemp, with ring	—	—	—	—	—	131*d*	—	—	—	90	66	"

Pages 50 and 51, Table 27—

Dele "Couples, trace ..	2	2	2	2	2	—	2	2	—	18	16	"
Insert "Couples, trace ..	—	—	2	2	2	—	—	—	—	—	—	"

Against "Grindstones," *dele* "24-inch *e*" and detail.

Dele "Knives, clasp," and detail.

Dele "Spanners, McMahon, 15-inch	1	—	—	—	—	—	1	—	—	6	6	"
Insert "Spanners, McMahon, 15-inch	1*l*	—	—	—	—	—	1*l*	—	—	3	3	"
Dele "Jacks, lifting, G.S. ..	—	1	1	—	—	—	—	1	—	4*j*	4*k*	"
Insert "Jacks, lifting, G.S. ..	—	1*l*	—	—	—	—	—	1*l*	—	6*j*	6*k*	"

Dele footnote "*e.*"

Dele footnote "*j*, 1 carried as convenient," *insert* "*j* 3 carried as convenient."

Dele footnote "*k* 2 carried as convenient," *insert* "*k* 4 carried as convenient."

Insert footnote "*l* 1 per section."

Page 59, Table 27—

After "Covers, breech, B.L."—

Insert "Covers, muzzle, No. 1, (B.L. or Q.F., 12 and 15-pr., and Q.F. 2·95-inch) ..	1	—	—	—	—	—	1	—	—	6	6	"

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Pages 60 and 61, Table 27—
Dele all items and detail under "Woolwich Section No. 20."
Dele "Shot, B.L., case," *insert* "Shot, B.L., or Q.F., case, 15 and 12-pr., Mark V."
Dele footnote "*a*."

Page 63—
Insert "*Woolwich Section No.* 27.

Chamois leather	—	—	—	—	—	1	—	—	—	1	1	For cleaning telescopes, carried as convenient."

Footnote "*c*," last line but one, *after* "Mekometer Handbook," *insert* "also."

Page 65, Table 28—
Before footnote "For Mark IV Equipment," *insert* letter "*c*."

Page 71, Table 28—
Against "Straps, securing, 22 in. × 1 in., { 3 *c*" *dele* "Swords and."
2 *b*" *dele* "swords."

Page 75, Table 30—
Against "Books 158, 183, 281," *dele* "*" and *insert* "*a*."

Page 83—
Against "Pockets"—

Dele "lanyard..	1	1	1	1	"
Insert "lanyard	1	1	1	—	"
Insert "T friction tubes (also lanyard) ..	—	—	—	1	"

Page 86—
Against "Holdalls,"
Dele "needles and silk twist | 1"
Against "Straps, securing, 22 „ × 1 „"
Dele "(swords) | 2"

Page 90—
Against "Straps, securing, 22 in. × 1 in.,"
Dele "(swords) | 2"

Page 94—
Dele "Straps, securing, 10 in. × 1 in. (billhook) | 2"
Insert "Straps, securing, 10 in. × 1 in. (billhook) | 1"

Page 95—
Against "Straps, securing,"
Dele "22 in. × 1 in. (swords) | 2"
Dele "48 „ × 1 „"
Insert "54 „ × 1 „"

Page 99—
Against "Leathers fixture,"
Dele "sword | 6"

Page 115—
Against "Straps, securing,"
Dele "22 „ × 1 „ (swords) | 2 |"

Page 118—
Against "Straps, securing,"
Dele "22 „ × 1 „ (swords) | 2 | 2 |"

Page 121—
Against "Straps, securing,"
Dele "22 „ × 1 „ (swords) | 2 |

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Pages 60 and 6
Dele all item
Dele "Sl

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...CKS. Care of. Instructions in. 1901. Price 9*d*.
CARRIAGES. MILITARY. Treatise on. Fifth Edition 6*s*.
Ditto. Addenda to. Corrected up to July, 1897. Price 3*s*.
CAVALRY DRILL. 1898. Price 1*s*.
CAVALRY DIVISION. THE. Troop Leading. Studies in. Price 5*s*.

ARTILLERY DRILL:—
FIELD. 1896. Price 1*s*. **Amendments.** 1898. Price 1*d*.
GARRISON. Vol. I. 1899. Price 6*d*. Vol. II. 1899. Price 6*d*. Vol. III. 1897. Price 1*s*.
SIEGE. 1901. Price 9*d*.
ARTILLERY. FIELD. Service Handbook. 1897. Price 7*s*. 6*d*
ARTILLERY. MUSEUM OF. In the Rotunda, Woolwich. Catalogue of. 1889. Price 1*s*. 6*d*.
ARTILLERY KIT PLATES. Nos. 1 to 10. Price 2*d*. each.
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Aldeburgh Artillery Ranges. Ash Rifle Ranges, Aldershot Camp. Landguard: Foreshore and Sea at. Inchkeith Battery. Kinghornness, Landguard, Lydd, and Dungeness Ranges. Middlewick Rifle Range. Millbrook Rifle Range. Orchard Portman Rifle Range. Paull Point Battery. Salisbury Plain: Artillery Ranges (Price 4*d*.). Scarborough. Scraps Gate Rifle Ranges. Shoeburyness Ranges. Southwold Foreshore and Sea Area. Strensall. Warden Point Battery and Hurst Castle Artillery Practice Ranges. Wash: Foreshores of the. Whitehaven Battery, Cumberland.
CYCLIST DRILL. 1900. Price 2*d*.
ENGINEERING. MILITARY. Instruction in. Compiled at the School of Military Engineering.
Part 1.—Field Defences. 1899. (*In the press*)
Part 2.—Attack of Fortresses. 1896. Price 1*s*. 3*d*.
Part 3.—Military Bridging and Use of Spars. Fourth Edition. 1894 Price 2*s*. 6*d*.
Part 4.—Mining and Demolition. Fifth Edition. 1901. Price 1*s*. 6*d*.
Part 5.—Miscellaneous. 1897. Price 1*s*. 6*d*.
Part 6.—Military Railways. 1898. Price 4*s*.
ENGINEERING. MILITARY. Manual. (Provisional.) Price 1*s*.
ENGINEER KIT PLATES. Nos. 3 to 7. 1893; Nos. 1, 2 and 8. 1898. Price 1*d*. each.
ENGINEER SERVICES. Regns. 1895. Price 2*s*.
ENGINEERS. FIELD. Drill. 1899. Price 2*s*.
ESTABLISHMENTS. WAR. 1898. Price 1*s*. 6*d*.
FORTIFICATION AND MILITARY ENGINEERING. Text Book. Part II. (1894). Price 6*s*.
HYDRAULICS FOR GARRISON ARTILLERY. Manual of. 1895. Price 4*s*. 6*d*.
INFANTRY. Drum and Flute Duty. 1887. Price 2*s*.
INFANTRY DRILL. 1896. Price 1*s*.
INFANTRY. MOUNTED. Regns. Price 9*d*.
LAW. MILITARY. Manual. 1899. Price 2*s*.
MANŒUVRES. Notes on. Price 2*s*.
MECHANISM AS APPLIED TO ARTILLERY. Notes on. By Captain S. R. von Donop, R.A. Price 9*d*.
MEDICAL CORPS. ROYAL ARMY:—
STANDING ORDERS. 1899. Price 1*s*.
MANUAL. 1899. Price 9*d*.
EXTRACT FROM. Sec. II. Drills and Exercises. Price 3*d*.
MEDICAL SERVICES. ARMY. REGNS. 1900. Price 9*d*.
MOBILIZATION REGNS. 1898. Price 4*d*.
MUSKETRY REGNS. 1898. Price 9*d*. (*Out of print*)

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ORDNANCE COLLEGE:—

REGNS. 1899. Price 1*s.* 6*d.*

TWENTIETH ADVANCED CLASS. Report on. Price 1*s.*

SECOND ORDNANCE COURSE. Report on. Price 1*s.*

ORDNANCE SERVICES. ARMY. Regns. 1900. Price 1*s.* 6*d.*

ORDNANCE. SERVICE. Treatise on. 1900. Price 10*s.*

PATHOLOGICAL SPECIMENS IN THE MUSEUM OF THE ARMY MEDICAL DEPART., NETLEY. Descriptive Catalogue. 1892. Price 5*s.*

RATIONS. Soldiers'. Lecture on the Mode of Provision and Inspection of. 1898. Price 1*d.*

RIFLE AND CARBINE EXERCISES. Manual, Firing and Bayonet Exercise, and Firing Exercise for Webley Pistol, and Instructions for Cleaning Arms. 1898. Price 3*d.*

SADDLES AND COLLARS, Sore Backs and Shoulders. A Manual of. By Veterinary Major F. SMITH. Third Edition. Price 1*s.*

TOPOGRAPHY. MILITARY. Text Book of. Parts I. and II. Price 1*s.* 6*d.* each.

TRUMPET AND BUGLE SOUNDS FOR THE ARMY. September, 1895. Price 2*s.*

VETERINARY SERVICES ARMY. Regns. 1900. Price 6*d.*

VOLUNTEER FORCE:—

REGNS. 1901. Price 1*s.*

CORPS. Purchase of Land by. 1893. Price 2*d.*

Do. Cash Accounts. Price 1*d.*

IN BRIGADE AND REGIMENTAL CAMPS, or when encamped with the Regular Forces. Orders, &c., for. Price 1*d.*

STEAM ENGINES AND BOILERS. Management of. Notes and Memoranda on the. 1899. Price 1*d.*

STORES. Priced Vocabulary of. 1898. Price 5*s.*

ARTIFICERS. MILITARY. Handbook. 8th Edition. Price 1*s.* 6*d.*

ELECTRICITY AND MAGNETISM. Text Book of. By Capt. BRETT, R.E. Price 1*s.*

EXPLOSIVES. SERVICE. Treatise on. 1895. Price 2*s.*

GUNNERY. Text Book. 1897. **With Addendum.** Price 6*s.* 6*d.*

GUNNERY TABLES. Collected and compiled by Major G. MACKINLAY, R.A., for the Text Book of Gunnery. 1887. 48 pp. Price 2*s.* 6*d.*

GUN. Handbooks, viz.:—

40-PR., R.B.L., of 32 and 35 cwt., on Travelling Siege Carriage and 6-Feet Parapet Carriage. (Movable Armament and Volunteer Batteries of Position.) 1899. Price 6*d.*

32-PR. S.B. B.L. (For Flank Defence), Mounted on Garrison Sliding Carriage and Traversing Slide. 1898. Price 6*d.*

20-PR., R.B.L., of 16 cwt., on Travelling Carriage. (Movable Armament and Volunteer Batteries of Position.) 1898. Price 1*s.*

16-PR., R.M.L., of 12 cwt. (Movable Armament and Batteries of Position, Volunteer Artillery.) 1898. Price 1*s.*

15-PR., B.L. (Mark I.) (Field Batteries.) 1898. Price 1*s.*

13-PR. R.M.L., of 8 cwt. (Movable Armament.) 1900. Price 1*s.*

12-PR. of 12 cwt. Q.F. (Land Service.) 1901. Price 1*s.* 6*d.*

9-PR., R.M.L., of 6 cwt. and 8 cwt. (Movable Armament.) 1898. Price 9*d.*

7-PR., R.M.L., of 150 LB. (Mark III.) and 200 LB. (Mark IV.), Mule Equipment; 150 LB. (Mark III.), Man Transport; and of 200 LB. (Mark IV.), Colonial Equipment. (L.S.) Price 2*s.* 6*d.*

6-PR. Hotchkiss. Q.F. (Land Service.) 1900. Price 6*d.*

3-PR. Hotchkiss. Q.F. (Land Service.) 1900. Price 1*s.*

6-PR. Nordenfelt. Q.F. (Land Service.) 1900. Price 6*d.*

3-PR. Nordenfelt. Q.F. (Land Service.) 1900. Price 1*s.* 6*d.*

12·5-inch, R.M.L., of 38 tons. (Marks I and II.) 1899. Price 1*s.* 6*d.*

12-inch B.L. 1899. Price 1*s.* 6*d.*

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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XIa.

ROYAL FIELD ARTILLERY DETAILS.

1—Brigade Division Staffs. 2—Service Batteries.

B.L., 15-pr. EQUIPMENT.

WAR OFFICE, 1901.

LONDON:
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,
BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HIS MAJESTY.

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or OLIVER & BOYD, Edinburgh;
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Despatch No.

AMERICAN EMBASSY,

London,

Nov. 23 1901

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Adjutant General's Office,

DEC - 5 1901

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PART 2.

SECTION XIa, ROYAL FIELD ARTILLERY (B.L., 15-pr.).

SPECIAL INSTRUCTIONS AND DETAILS.

I.—SPECIAL INSTRUCTIONS.
II.—DETAILS OF EQUIPMENT.

I.—SPECIAL INSTRUCTIONS.

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I.—EQUIPMENT OF BRIGADE DIVISION STAFFS AND BATTERIES.

Details for batteries, etc.

1. Details of the equipments of brigade division staffs and batteries for Field Service and for use in peace will be found on pages 25 to 75.

2. The equipment for brigade division staffs will be drawn by one of the batteries in each brigade division.

Batteries to be in possession of complete war equipment.

3. Batteries are at all times to have in possession their complete war equipment, on the scale laid down in "war establishments."

Explanation of the terms, "Peace equipment" and "mobilization equipment in charge of the unit."

4. The equipment of a battery is divided under two headings :—

(*a.*) *Peace Equipment.*—That which is required by the battery for use in peace, according to its peace establishment of men and horses.

(*b.*) *Mobilization Equipment in charge of the unit.*—That which is required to complete the equipment of the battery when raised from a peace to a war establishment.

Method of acounting for stores.

5. The stores will be held on charge in the Battery Equipment Ledger, the peace equipment in the first part, and the mobilization equipment in charge of the unit in the second part.

Rendition of account.

6. The account will be balanced and rendered as laid down in Appendices I and II, Equipment Regulations, Part 1, and not when the mobilization equipment in charge of the unit is handed over to a relieving battery.

Ammunition in mobilization equipment in charge of the unit.

7. The following instructions are to be observed with regard to ammunition in mobilization equipment in charge of the unit, viz. :—

The cartridges will be stored in properly lutened and dated M.L cases, the tubes, fuzes, and shells grouped according to age and date.

Ammunition should never be taken out of store except on mobilization, or to replenish peace equipment. On no account should ammunition which has been in battery use be returned to mobilization equipment in charge of the unit.

Used articles of harness or saddlery placed in mobilization equipment in charge of the unit to be exchanged.

8. Any articles of harness and saddlery which have been used as peace equipment by batteries on the higher establishment, when taken over by a battery on the lower establishment, should be placed in mobilization equipment in charge of the unit, but they should be exchanged f r new at the earliest opportunity. Commanding Officers will ascertain periodically from the Chief Ordnance Officer whether new articles are available, or can be obtained, to meet such exchanges. On receipt of the new stores, they should be placed in mobilization equipment in charge of the unit, and the part-worn articles returned to the Army Ordnance Department for disposal.

9. Further instructions regarding mobilization equipment are contained in Equipment Regulations, Part 1.

Camp equipment

10. To enable batteries to carry out the annual course of military training laid down in the Field Artillery Drill, 1896, the issue of a

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complete set of camp equipment for one battery will be made from local ordnance store to each brigade division (or in the case of single battery stations, each station) serving in the district, it being considered undesirable that the articles belonging to the mobilization equipments in charge of units should be used for the purpose. for annual course of instruction of batteries.

11. The stores required should be demanded under the orders of lieutenant-colonels commanding brigade divisions, who will detail the battery to demand, and arrange the sequence in which the equipment is to be handed over from one battery to another. The equipment when no longer required should be returned to Army Ordnance Department by the last battery using it, on the same vouchers as it was originally drawn. Lieutenant-colonels to order, demand, and arrange sequence, &c.

12. Local arrangements must be made to ensure that the complete equipment of the battery in every respect is available and correctly packed. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district. Completeness and correctness of equipment to be ensured.

13. The general scale of equipment for standing camps and manœuvres should be demanded in accordance with the scale laid down in Equipment Regulations, Part 1. Camp equipment.

II.—MARKING OF EQUIPMENT.

14. Camp kettles, portable magazines, and water buckets, belonging to the peace equipment of batteries will be marked in black paint with the letters, "R.F.A." in front, and in rear with the letter of the sub-division and battery number, thus, Marking equipment.

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"D"
4

Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand to chief ordnance officers of districts, who will arrange for necessary promulgation to the batteries, &c., requiring them.

Bags, kit, R.A., and picketing gear will also be similarly marked, but on the end.

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Arty.
7882

15. Detailed instructions for marking vehicles and equipment will be found in Equipment Regulations, Part 1.

III.—REPAIRS.

16. Battery commanders are responsible that their equipment is at all times in a serviceable condition. The examination and repair of equipment should be carried out by battery artificers so far as may be possible. When special tools or appliances are required, which are not available with the battery, the battery artificers should be sent, together with the material requiring repair, to the nearest army ordnance department workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair. Examination and repair of equipment.

Special tools for the repair of field artillery equipment have been issued to the army ordnance workshops at Aldershot, Colchester, Curragh, Devonport, Dover, Haulbowline, Portsmouth, and Tynemouth.

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17. Applications for the inspection or repair of equipment which cannot be carried out by battery artificers should be addressed to chief ordnance officers of districts.

IV.—RETURNS.

Returns relating to Artillery Matériel, &c.

18. Army Form G 1085 (return of stores due to batteries from Army Ordnance Department) should be rendered quarterly by batteries, and forwarded to the Principal Ordnance Officer, Woolwich, on the 1st March, 1st June, 1st September, and 1st December in each year. Only stores 3 months in arrear at date of return will be included.

Returns of field ordnance equipped.

19. When any deficiencies are noted by the officer commanding Royal Artillery upon the annual returns of rifled field ordnance equipped, the chief ordnance officer should note on such returns the steps that have been taken to supply the equipments required to complete the batteries.

Ordnance on R.A. charge.

20. Ordnance on Royal Artillery charge will be included in the Annual Return Army Form G 872, rendered on the 1st June by officers commanding Royal Artillery districts in accordance with the King's Regulations.

V.—REGULATIONS FOR THE INSPECTION OF ORDNANCE.

1. General Instructions.

Examination of ordnance by I.O.O.

21. When guns require examination the officer commanding will submit Army Form G 875, with the memorandum of examination, to the chief ordnance officer, who will make arrangements for the examination to be carried out by the inspecting ordnance officer or by the inspector of ordnance machinery. The inspector will make two copies of this form; and on the completion of the examination will enter the sentence on and sign all three. He will pass the original direct to the officer in charge of the gun for transmission to the officer commanding Royal Artillery; the other two copies, with impressions, except in obviously trivial cases, will be forwarded by the chief ordnance officer direct to the chief inspector, Woolwich. The chief inspector, Woolwich, will enter the final sentence, retain one copy, and return the other to the chief ordnance officer, who will retain it after passing to the officer commanding Royal Artillery to note. In the event of the gun being serviceable, the "memorandum of examination" will be returned by the inspector direct to the officer in charge of the gun; if unserviceable he will forward it with the impressions to the chief inspector, Woolwich, who will return it after final sentence through the chief ordnance officer.

At home where there is no I.O.O.

22. In districts at home in which there is no inspecting ordnance officer or inspector of ordnance machinery the chief ordnance officer will forward the requisitions to the chief inspector, Woolwich, who will arrange for the examination to be carried out, and if necessary send an examiner to the station.

Examination of spare parts.

23. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the chief inspector, Woolwich.

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VI.—TARGETS FOR GUN PRACTICE.

Land Ranges.

24. Exceptional arrangements exist for manufacture and supply of targets used by batteries at practice over the land ranges mentioned in the table at para. 25 (scales A, B, C, and D); the targets are of the pattern described in paragraph 9478 List of Changes in War Matériel, and together with the dummies and other stores are issued in special proportions (*vide* instructions for supply of stores to the various camps, for batteries of horse or field artillery). **Targets for land ranges.**

VII.—GUN AMMUNITION FOR PRACTICE AND EXERCISE.

25. The annual proportions of gun ammunition for practice and exercise are as follows :— **Gun ammunition.**

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Royal Field Artillery Batteries.

Articles.	Practice.						Annual exercise.	
	Scale A.	Scale B.	Scale C.*a*	Scale D.		Scale E.		
	Land range at Okehampton, B.L., 15-pr.	Annual, for batteries at Exeter and Bristol, practising at Okehampton, B.L., 15-pr.	Annual, for all other stations in Great Britain, land ranges.	Ireland, land range.		Colonial and foreign (6 guns).	Higher Establishment battery.	Lower Establishment battery.
				1st and 2nd year.	3rd year.	Annual.		
			B.L., 15-pr.	B.L., 15-pr.	B.L., 15-pr.	B.L., 15-pr.		
Woolwich Section No. 22.								
Fuzes, time and percussion, No. 56	715	432	198	378	358	283	..	..
Tubes, fricton { T	790	460	240	410	390	320	440*c*	315*d*
Tubes, fricton { copper solid drawn, special ..	..	..	..	..	..	..	440*bd*	315*bd*
Woolwich Section No. 22A.								
Cartridges, filled, B.L. { 15-pr., 15¾ oz. cordite, size 5 ..	730	440	210	390	370	295	..	..
Cartridges, filled, B.L. { 15-pr. or 12-pr., 1¼ lb. blank *c* / 15-pr., 1½ lb. blank *b* ..	..	..	..	..	..	..	390*d*	290*d*
Shell, B.L., filled, shrapnel	715	432	198	378	358	283	..	..
Shot, B.L., case	15	8	12	12	12	12	..	..

a In addition to the number of rounds allowed under this scale, the batteries practising at Church Stretton will draw between them an additional 110 rounds of shrapnel shell. *b* For Mark I guns only. *c* For Marks II–IV guns.

d 90 rounds of shrapnel shell and 90 rounds of blank ammunition are included in the above numbers for each unit for the dismissal of recruits.

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26. To ensure a proper "turn over" of ammunition, all ammunition fired at annual practice by batteries will be taken from their service equipment, that in peace equipment being used up first. Turn over of ammunition.

Further instructions regarding the turn over of ammunition are laid down in Equipment Regulations, Part I.

Demands to complete equipment will be put forward prior to departure of battery to practice, so that on return to station the ammunition may be in readiness.

In cases where batteries are to change stations after practice, the new station where the ammunition will be required should be clearly indicated on the demand.

27. Canvas covers for cartridges will be returned to store at the conclusion of practice.

28. Gun ammunition will be demanded on Army Form G 806. Any of the annual supply which has not been drawn by the end of the year (31st March) for which it is allowed will be forfeited. Requisitions.

29. In demanding fuzes, tubes, primers, and other laboratory stores supplied in sealed cylinders, the numbers given in the details of equipment will be adhered to as closely as possible; but full cylinders should always be demanded. Cylinders containing these articles will on no account be opened, unless their contents are required for immediate use. Supply of fuzes, tubes, and laboratory stores. Cylinders not to be opened till wanted.

30. The hermetically sealed tin cylinders containing fuzes, issued to royal field artillery, will be marked by the battery, by scratching on them with a pointed implement, the date on which they are received. Marking fuze cylinders.

Fuzes which have been in possession of the battery the longest time will be used first, without regard to the age of the fuze.

31. Immediately on the close of artillery practice each day, search will be made on the ranges for unexploded projectiles. Rewards will be paid for the recovery of projectiles in accordance with the Army Ordnance Regulations. Search for projectiles after artillery practice. Recovery of projectiles.

All fuzed shell will be destroyed where found as laid down in Regulations for Magazines, &c.

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VIII.—TEXT BOOKS, HAND-BOOKS, AND RANGE TABLES.

Text and hand books.

82. Text books, hand-books, and range tables are issued in the following proportions, and will be held on charge as laid down in Equipment Regulations, Part 1.

Distribution.	Text Books, sets.*a*	Hand-books.*b*	Range Tables.
Lieut.-Colonels commanding brigade divisions	1	2 per nature of field gun in the division.	2 per nature of field gun in the division.
Batteries	—	12 per nature of gun on charge.	12 per nature of gun on charge.
Lecture rooms *c*	1	1 per nature of ordnance in the district.	1 per nature of ordnance in the district.
Gunnery Instructors *d*	1	Ditto.	1 ditto.

a The text books referred to comprise the following works:—"Treatise on Ammunition," "Treatise on Military Carriages," "Treatise on Service Ordnance," "Treatise on Service Explosives."

b The following are the hand-books referred to:—

Hand-book for nature of gun in use.
" " Telescopic Sights.
" of the Mekometer.

c For use of the Gunnery Instructor, but not to exceed one set per district except in special cases.

d At stations where there are no lecture rooms. At stations where a lecture room for R.A. exists books will not be issued to the Gunnery Instructor, those in the lecture room being available.

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IX.—NECK COLLARS.

33. When neck collars are stored in mobilization equipment in charge of the unit, the sizes of the same should be in the following proportions :—

Unit.	No. of collars.		Percentage of sizes allowed per unit.							No. of each size allowed per unit.								
	To be held in mobilization equipment in charge of the unit to bring the unit up to normal war scale.	To be issued in addition to normal war scale when specially ordered.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	Total per unit.
Brigade Division Staff R.F.A.	8	..	..	..	..	..	..	..	..	..	2	3	2	1	..	..	8
R.F.A. battery on higher peace establishment ..	42	..	4	17	24	24	23	6	2	2	7	10	10	9	3	1	42
	..	6								..	1	1	2	2	..	..	6
R.F.A. battery on lower peace establishment ..	62	..	4	17	24	24	23	6	2	3	11	15	14	13	4	2	62
	..	6								..	1	1	2	2	..	..	6

Sizes of neck collars.

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X.—HORSE SHOES.

Scale of horse shoes.

34. On active service, all horses requiring shoes will be shod with machine-made shoes, which will be supplied according to the following scale, unless otherwise demanded :—

Royal Artillery.

Description.			No. per Cent. R.F.A. Batteries.
Shoes, horse, pairs	No. 4	fore	5
		hind	5
	No. 5	fore	18
		hind, without calkins	12
		hind, with calkins	6
	No. 6	fore	30
		hind, without calkins	9
		hind, with calkins	21
	No. 7	fore	24
		hind, without calkins	—
		hind, with calkins	24
	No. 8	fore	7
		hind, with calkins	7
	No. 9	fore	8
		hind, with calkins	8
	No. 10	fore	8
		hind, with calkins	8

60 nails per set of shoes will be issued. Every horse will carry a fore and hind shoe, and sufficient nails in the shoe cases ; the other hind and fore shoe, as well as nails will be carried regimentally.

XI.—SUPPLY OF STORES FOR THE REPAIR AND PRESERVATION OF EQUIPMENT.

Harness and Saddlery.

Staff of R.A. District.

35. The repair of saddlery and harness allowed for the staffs of Brigade Divisions and Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Any materials for repair that may be required by Brigade Division Staffs, on service, will be available from the equipments of Batteries of the Brigade Division.

Ordnance, Carriages, Projectiles, &c.

Reference to the detailed instruction.

36. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the "Regulations for Magazines and Care and Preservation of War Matériel" for the guidance of officers of artillery in carrying out the services therein referred to and of army ordnance officers in supplying such materials and stores as may be from time to time required for performing the same.

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37. The following proportions of lubricants will be allowed annually for wheels and for preservation of straps and leather work for travelling carriages :— Lubricants for wheels, &c.

Dubbing,—Batteries	without wagons, 1 lb. per gun		for straps and leatherwork.
	with „ 1½ lb. „		
Grease, Field's, *a*	3 lbs. per wheel		On certificate of commanding officer that they are in constant use.
	½ lb. „		When not in constant use.

38. As tin closing bands and bottoms of fuze cylinders are liable to become detached through jolting in the limbers, thus causing deterioration of the fuzes, a set of tinman's tools is supplied to each battery, and loose bands and bottoms should be refastened as soon as any such defect becomes apparent. Tinman's tools.

39. T friction tubes, other than Mark I, will as soon as possible, and not later than 24 hours after firing, be immersed in ordinary mineral oil for 24 hours and, after removal, be allowed to drain. They will then be returned to the chief ordnance officer for transmission to Woolwich to be cleaned and refilled. Half a gallon of oil is required to cover 100 tubes, and about $\frac{1}{10}$ pint per 100 tubes will be used up in the treatment. Treatment of fired friction tubes, T.

a Black grease will be used at all stations abroad, except British North America and St. Lucia.

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XII.—STORES FOR DESTRUCTION OF SHELLS.

40. A set of stores for the destruction of shells, as also such quantity of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the officer commanding Royal Artillery in camp :—

MATERIALS REQUIRED FOR EACH CHARGE.

Woolwich Section No. 2. No.

Bags, sand, common 4

Woolwich Section No. 21.

Guncotton { dry primers, H—1·25-in. × 1·25-in. 1
wet slabs, T $6\frac{1}{8}$-in. × $6\frac{1}{8}$-in. × $1\frac{1}{8}$-in. 4

Woolwich Section No. 22.

Detonators, electric, No. 13 1

STORES.

Articles.	No.	Remarks.
Woolwich Section No. 7.		
Cloth, emery, fine .. .. sheets	2	Cleaning ends of wire.
Pliers, side-cutting, 7-inch .. pairs	1	
Woolwich Section No. 18.		
Twine, choking, 3-thread .. lbs.	1	Securing charge.
Woolwich Section No. 28.		
Exploders, dynamo-electric, quantity	1	
Knives, paring, telegraph jointers ..	2	
Solution, india-rubber .. $\frac{1}{2}$-lb. tins	1	Repairing defective wire.
Tape, india-rubber, pure $\frac{1}{4}$-lb. ,,	2	
Woolwich Section No. 29.		
Wire, covered, C 8 .. .. yards	2,000	Old telegraph cable unfit for general issue would do if available.

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XIII.—SIGNALLING STORES.

41. Two signalling screens, complete with lashings, bracing lines and poles, are allowed to each battery practising over land ranges under Scale B, page 8. Proportion of screens, &c.

42. One "Screen, Manœuvre," will be supplied, on demand, to each battery. This screen will be held on charge, and accounted for as part of the battery equipment.

43. The following will be issued to the undermentioned stations for use of batteries, to be planted in the ground when a battery is in action to denote by the colour of the flag used what it is firing at (*see* "Infantry Drill") :—

Flags, musketry instruction,	red and white	 1	per battery.
	white	 1	
	poles	 2	

Stations.

Woolwich.	Strensall.
Aldershot.	Dublin.
Shorncliffe.	Newbridge.
Colchester.	Salisbury Plain.
Hilsea.	

XIV.—MOBILIZATION STORE TABLES.

44. The following army form, showing the war equipment to be held by brigade division staffs and batteries, will be issued to officers concerned on demand being made for it to the chief ordnance officers of districts :—

No. of Army Form.	Unit.
	FIELD ARMY.
G 1098–14 ..	Battery of Royal Field Artillery, 15-pr., B.L., and Brigade Division Staff.

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XV.—SETS OF TOOLS.

(*Referred to in Part* 1, *Equipment Regulations, and in Tables of Details.*)

CHEST, TOOL, FILLED, No. 10.

(Carriage, Smiths, R.A., Field Service.)

Articles.				No.
Woolwich Section No. 7.				
Chests, tool, empty, No. 10				1
Braces,	smiths', bits,	countersink rose		1
		rimer,	half-round	1
			square	1
	ratchet, 9-inch			1
	,, 12-inch drills, Nos. 1 to 11		sets	1
Callipers,	6-inch		pairs	1
	4 ,, inside		,,	1
Cans, oil, lubricating, G.S.				1
Chisels,	cross-cut, 7-inch × ¼-inch			1
	engraving			1
	hand, cold, ¾-inch × 8-inch			1
	rivet head			1
	smiths',	cold		1
		hot		2
Cutters, anvil, flat, smiths', 2-inch				1
Dividers, spring, 6-inch				1
Drivers, screw, G.S., 6-inch				1
Files,	bastard,	flat,	14-inch	2
			10 ,,	2
		½-round,	12-inch	1
			8 ,,	1
		round,	10 ,,	1
			6 ,,	2
	second cut, hand, safe edge, 6-inch			3
Flatters, smiths'				1
Fullers,	bottom			1
	top			1
Hammers,	fitters', 32-oz.			1
	,, 8-oz.			1
	smiths', hand, 3-lb.			1
Handles, file,	middling			2
	small			1
Holders, rivet-head, small				1
Plates, screw, B.A. Standard				1

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, side-cutting, 7-inch .. .. pairs	1
Pokers, smiths	1*a*
Punches, centre, 4½-inch	1
Punches, round, ½-inch × 10-inch	1
Punches, smiths, hot, ½-inch	1
Punches, smiths, hot, ⅜ „	1
Rods, smiths, iron	4
Rules, armament artificers, 1-foot	1
Rules, saddletreemakers	1
Saws, cutting metal, 10-inch	1
Saws, „ „ blades, 10-inch	2
Scribers	1
Slices, farriers	1*a*
Snaps, hand riveting, $\frac{7}{16}$-inch	1
Snaps, hand riveting, ⅜ „	1
Squares, box, fitters, steel, 4-inch, graduated	1
Squares, fitters..	1
Squares, smiths, steel	1
Stocks, drill, bevel-wheel	1
Stocks, „ „ bits (set of 6) .. .. sets	1
Tongs, smiths, fore bit .. .. pairs	1
Tongs, smiths, hollow bit .. .. „	1
Tool, rounding	1
Travellers	1
Vices, hand, 16-oz...	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 26.	
Stones, rag	2
Miscellaneous.	
Handbook, military artificers	1

a Carried separately in rear compartment with forge when packed in forge wagon.

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.	
38407 Equipment. 1973 — *Woolwich Section No. 7.*	
Tools, screw cutting, bolt and nut, R.A. field, Whitworth thread, ¾-inch to ⅜-inch, chests filled	1
Detail.	
Chest, empty	1
Tools, screw cutting, Whitworth thread, — Plates, screw, — large (Mark I) ..	1
Tools, screw cutting, Whitworth thread, — Plates, screw, — small ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — 1st turn ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — 2nd ,, ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ¾-inch, — plug ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — 1st turn ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — 2nd ,, ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅝ ,, — plug ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — 1st turn ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — 2nd ,, ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ½ ,, — plug ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — 1st turn ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — 2nd ,, ,, ..	1
Tools, screw cutting, Whitworth thread, — Taps, — ⅜ ,, — plug ,, ..	1
Tools, screw cutting, Whitworth thread, — Wrenches, — large (Mark I) ..	1
Tools, screw cutting, Whitworth thread, — Wrenches, — small ,, ..	1
Tools, screw cutting, Whitworth thread, — Tip, oil	1

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CHEST, TOOL, FILLED, No. 3F.
(Wheelers, R.A., Field Service).

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 3	1
Adapters, brace	1
Adzes, carpenters, heads	1
Adzes, carpenters, handles	1
Aprons, basil, brown	2
Augers, $1\frac{1}{4}$-inch	1
Augers, $1\frac{1}{16}$,,	1
Augers, 1 ,,	1
Augers, $\frac{7}{8}$,,	1
Augers, $\frac{5}{8}$,,	1
Augers, $\frac{1}{2}$,,	1
Augers, handles, 16-inch	1
Augers, handles, $13\frac{1}{2}$,,	1
Augers, handles, 12 ,,	1
Awls, blades, brad	12
Awls, handles, brad, large	2
Awls, handles, brad, small	2
Axes, hand, 3-lb.	1
Bags, tool, carpenters'	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits.	1
Detail of bits :—	
Centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	—
Countersunk flat	—
Countersunk rose	—
Dowling sash	—
Gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Rimer, square	—
Screwdriver	—
Taper	—
Braces, smiths'	1
Callipers, 6-inch	1 pairs
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × $\frac{1}{4}$-inch	2
Chisels, firmer, coachmakers', $1\frac{1}{2}$-inch	1
Chisels, firmer, coachmakers', $1\frac{1}{4}$,,	1
Chisels, firmer, coachmakers', 1 ,,	1
Chisels, firmer, coachmakers', $\frac{3}{4}$,,	1
Chisels, firmer, coachmakers', $\frac{5}{8}$,,	1
Chisels, firmer, coachmakers', $\frac{1}{2}$,,	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	2
Chisels, mortice, $\frac{1}{4}$-inch	1

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Compasses, wing, 7-inch, ... pairs	1
Dividers, spring, 6-inch	1
Drifts, steel, round, $\frac{5}{16}$-inch	1
$\frac{7}{16}$,, ...	1
$\frac{9}{16}$,, ...	1
$\frac{11}{16}$,, ...	1
$\frac{13}{16}$,, ...	1
Drivers, screw, G.S., 14 ,, ...	1
6 ,, ...	1
Files, bastard, flat, 14-inch	1
bastard, half-round, 14-inch	1
bastard, round, 10 ,, ...	2
bastard, round, 6 ,, ...	2
bastard, 3-square, 14 ,, ...	1
dead, smooth, hand, safe edge, 12-inch	1
saw, taper, second cut, single, $5\frac{1}{2}$-inch	4
saw, taper, second cut, single, 4 ,, ...	4
Gauges, carpenters, marking	1
Gauges, carpenters, mortice	1
Gimlets, common, No. 1	1
Gimlets, common, ,, 2	1
Gimlets, common, ,, 3	1
Gouges, handled, firmer, 1-inch	1
Gouges, handled, firmer, $\frac{3}{4}$,, ...	1
Gouges, handled, firmer, $\frac{1}{2}$,, ...	1
Gouges, handled, pecking, 1 ,, ...	1
Hammers, fitters, 32-oz.	1
Hammers, fitters, 16 ,, ...	1
Hammers, fitters, 8 ,, ...	1
Hammers, riveting, 24-oz.	1
Hammers, smiths, sledge, 10-lb.	1*a*
Hammers, screw	1*c*
Hammers, handles, 36-inch	1*b*
Hammers, handles, 14 ,, ...	1
Handles, file, middling	2
Handles, file, small	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, ,, ...	1
Pencils, ,, ...	6
Pincers, ,, ... pairs	1
Planes, bead, $\frac{1}{4}$-inch	1
Planes, bead, $\frac{3}{8}$,, ...	1
Planes, compass	1
Planes, jack, double iron	1
Planes, plough	1
Planes, smoothing, G.S.	1
Planes, rabbet, skew	1

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a Included with Ordnance Stores, page 51. *b* Carried separately with forge wagon.
c Will be replaced by "Spanner, McMahon, 12-inch," when existing stock is used up.

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, flat-nose, ... pairs	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, centre, 4½-inch	1
Reels, carpenters', line	1
Rules, „ common	1
Rules, saddletreemakers'	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, hand, 23½-inch	1
Saws, tenon, 14-inch	1
Screws, thumb	1
Scribers	1
Sets, saw, hand	1
Shaves, spoke 3¼-inch	1
Shaves, spoke 2½ „	1
Squares, carpenters', 9-inch	1
Stones, oil, carpenters'	1
Stones, oil, slip, Turkey	1
Tongs, wheeler, fitters' .. .. pairs	1
Woolwich Section No. 11.	
Chalk, white, ... lbs.	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Miscellaneous.	
Handbook, military artificers	1

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CHEST, TOOL, FILLED, No. 5A.
(Collarmakers and Saddlers.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4-inch	3
Awls, blades, buckling, 2¾ ,,	3
Awls, blades, drawing	2
Awls, blades, garnishing, 2¼-inch	2
Awls, blades, garnishing, 1⅞ ,,	2
Awls, blades, harness, 1⅞-inch	3
Awls, blades, harness, 1¾ ,,	4
Awls, blades, harness, 1⅝ ,,	4
Awls, blades, harness, 1⅜ ,,	4
Awls, blades, harness, 1¼ ,,	3
Awls, blades, pannel, 5¾ ,,	2
Awls, blades, pannel, 4 ,,	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Clams, collarmakers', pairs	1*a*
Claws, nail	1
Compasses, common, 7-inch, pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common, No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 8 ,,	1
Hammers, riveting, saddle-seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 ,,	1
Irons, collar, 23 ,,	1
Irons, pricking, 12-stitch	1
Irons, pricking, 8 ,,	1
Irons, pricking, 5 ,,	1
Irons, seat, stuffing, 14-inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half-round	1
Knives, head	1
Lead, punching, collarmakers', 8-lb., pieces	1

a An additional pair will be allowed for war. To be separately demanded, and will be carried in the chest.

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Chest, Tool, filled, No. 5A. (Collarmakers and Saddlers)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Mallets, collar	1
Mallets, tinman's	1
Needles, collar, half-moon, 6½-inch	1
Needles, collar, half-moon, 5½ "	1
Needles, collar, half-moon, 4½ "	1
Needles, collar, packing, 1 "	2
Needles, collar, packing, 2 "	2
Needles, collar, packing, 3 "	2
Needles, collar, packing, 4 "	3
Needles, collar, packing, 5 "	3
Needles, collar, packing, 6 "	3
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers', sewing	100
Needles, saddlers', stitching	25
Palms, collarmakers'	1
Pincers, saddlers' pairs	1
Pliers, flat-nose, "	1*a*
Punches, oval, No. 31	1
Punches, oval, " 30	1
Punches, oval, " 28	1
Punches, oval, " 27	2
Punches, oval, " 24	1
Punches, oval, " 23	1
Punches, oval, " 22	2
Punches, oval, " 20	2
Rasps, shoemakers', 10-inch	1
Rules, collarmakers', 4-fold	1
Scissors, tailors' pairs	1
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
Tools, edge, " 2	1
Tools, edge, " 3	1
Woolwich Section No. 26.	
Stones, rag	1
Stones, rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for:—	
Woolwich Section No. 7.	
Cards, towsing, small, pairs	1*b*

a An additional pair will be allowed for war. To be separately demanded, and will be carried in the store wagon.

b Towsing cards will not be issued unless specially demanded. When issued to batteries they will be carried in the limber of forge wagon.

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CHEST, TOOL, FILLED, No. 7.

(Forge and Shoeing Tools.)

	Articles.	No.
	FORGE TOOLS (1 set).	
	Woolwich Section No. 7.	
54 General No. 7707	**Chests,** tool, empty, No. 7	1
	Chisels, farriers', handled	1
	Cresses, No. 1, Mark II	1
	Cresses, No. 2	1
	Cutters, anvil, flat, smith's 2-inch	1
	Cutters, anvil, half-round, farriers'	2
	Cutters, anvil, nail, farriers'	1
	Fullers, farriers', handled	1
	Hammers, farriers', pointing	1
	Hammers, farriers', sledge, 9½ lb.	1
	Hammers, farriers', turning, Mark III	1
	Pokers, smiths'	1
	Pritchels, farriers'	3
	Slices, farriers'	1
	Stakes, farriers'	1
	Stamps, farriers'	2
	Tongs, farriers', fire — pairs	1
	Tongs, farriers', turning, large — "	1
	Tongs, farriers', turning, medium — "	1
	Tongs, farriers', turning, small — "	1
	SHOEING TOOLS (1 set).	
	Woolwich Section No. 7.	
	Aprons, basil, white	1*a*
	Bags, tool, farriers'	1*b*
	Buffers, farriers'	1
	Hammers, farriers', shoeing	1
	Knives, drawing, farriers'	2
	Knives, searching	1
	Pincers, farriers', — pairs	1
	Rasps " 16-inch	2
	Stones, rag, farriers'	1

a An additional apron will be allowed for each man undergoing instruction as shoeing smith.

b To be carried strapped inside the bale hoops of the forge wagon.

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DETAILS OF EQUIPMENT.

ROYAL FIELD ARTILLERY.

(B.L., 15-pr.)

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BRIGADE DIVISION STAFFS.

Arms.

TABLE 1.	War Equipment.	Peace Equipment.	Remarks.
Weedon Section.			
Pistols, Webley, ...	13	—	
Pistols, Webley, rods, cleaning, L.S. .. .	13	—	
Scabbards, sword, Cavalry, pattern 1899, Mark I	4	3	
Swords, Cavalry, pattern 1899	4	3	

Accoutrements.

TABLE 2.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bags, kit, mounted service	13	3	
Belts, waist, buff, Cavalry, pattern 1885, S.S.	2	2	
Belts, waist, buff, Cavalry, pattern 1885, O.R.	2	1	
Belts, waist, buff, Field Artillery, dismounted and drivers', with plate ..	9	—	
Bottles, water, enamelled, L.S.	13	3	
Cases, brown, pistol, L.S...	13	—	
Handcuffs, common *a* .. .. pairs	1	—	
Knots, sword, buff, G.S.	2	2	
Knots, sword, buff, Cavalry, line, O.R.	2	1	
Lanyards, pistol	13	--	
Pouches, ammunition, brown, pistol, Infantry	13	—	
Straps, buff, water-bottle, mounted services	13	3	

a Carried in A. and S. wagon, R.A.

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Musical Instruments.

TABLE 3.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bugles	1	1	
Strings, bugle and trumpet, Royal ..	2	2	
Trumpets	1	1	

Saddlery and Harness.[a]

TABLE 4.	War Equipment.	Peace Equipment.	Remarks.
SADDLERY.			
Woolwich Section No. 5.			
Officers, public, R.A. .. .. sets	1	1	For Adjutant.
Woolwich Section No. 6.			
Universal, R.A., steel arch, pattern 1890 sets	2	2	
HARNESS.			
Woolwich Section No. 5.			
Pole, draught, R.A. lead, single, sets	4	—	
wheel, ,, ,,	2	—	
G.S., R.A. (shaft draught) wheel near, ,, ,,	1	—	
off, ,, ,,	1	—	

[a] For details of sets of saddlery and harness *see* Appendix VIIIB, Part 1, Equipment Regulations.

Harness and Saddlery.

TABLE 5.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 5.			
Reins, driving, long .. .. sets	1 *a*	—	
Rings, clip	4 *a*	—	
Straps, back	2 *a*	—	
Whips, driving	1 *a*	—	

a Provided in order that the ammunition and store wagon, R.A., may be driven from the box if required.

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 6.	War Equipment.	Peace Equipment.	Remarks.
HARNESS AND SADDLERY.			
Woolwich Section No. 5.			
Bags, nose, G.S.	18*a*	3	
Brushes, harness, hard	4	—	
Brushes, horse	14	3*b*	
Combs, curry	14	3*b*	
Pickers, hoof	10	3	
Sacks, corn, 4-bushel, canvas	4*a*	—	
Scissors, trimming .. .. pairs	2	—	
Sponges, 7-drachms	41	9*b*	

a Includes 2 spare.
b Annual supply.

Carriages.

TABLE 7.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 4.			
Carts, Maltese, Mark V*	1	—	For medical equipment.
Covers, cart, Maltese	1	—	
Covers, wagon, G.S., Mark IV ..	1	—	
Pins, linch, 3rd class .. (spare)	1	—	
Washers, drag, 3rd class, "B" .. „	1	—	
Woolwich Section No. 13.			
Hoops, bale, wagon, ammunition and store, R.A. .. .. sets	1	—	
Pins, linch, 2nd class, Mark II (spare)	1	—	
Raves, wagon, ammunition and store, R.A. .. .. pairs	1	—	
Swingletrees, Nos. 7A or 10A (spare)	1	—	
Wagons, ammunition and store, R.A. ..	1	—	
Washers, drag, 2nd class, "C," Mark II .. .. (spare)	1	—	

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Camp Equipment.

TABLE 8.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 2.			
Axes, felling, curved helve	2	—	
Axes, pick, heads, 6½-lbs.	2	—	
Axes, pick, helves, 34½-inch	2	—	
Bags, picketing, gear	2	—	
Boxes, candle, F.S.	2	—	
Boxes, stationery, field	2 *a*	—	
Buckets, water, G.S., leather	3	—	
Cords, forage	16	—	
Hooks, bill	2	—	
Hooks, reaping, large	2	—	
Kettles, camp, oval, 12-quarts	3	—	
Lanterns, tent, folding	2	—	
Mallets, heel peg and small picket	3	—	
Nets, forage .. pairs	16	3	
Pads, surcingle, Mark II	11	3	
Pegs, picketing, for heel ropes	16	3	
Pegs, picketing, with rope loop, built-up ropes	8	2	
Ropes, head, hemp, with ring	16	3	
Ropes, heel	18 *b*	3	
Ropes, picketing, 4-feet 9-inches	17 *c*	3	
Rugs, horse, large	1	—	
Shovels, universal	2	—	
Spades, N.P.	2	—	
Tents, complete, circular, single linen	7 *d*	—	
Woolwich Section No. 27.			
Blankets, G.S.	13 *d*	..	1 per N.C.O. and man.

a The army forms, books, and stationery are a Stationery Office supply, and should be demanded accordingly.
b Includes 2 spare.
c Includes 1 spare.
d Only issued when specially ordered.

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Ordnance and General Stores.

TABLE 9.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 3.			
Stretchers, ambulance, Mark I	3		
Woolwich Section No. 5.			
Brushes, water, carriage	2		
Couples, trace	2		
Woolwich Section No. 10.			
Nails, iron, horse shoe (*see* **Shoes,** horse).	—		
38407 Equipt. 2025 **Shoes,** horse *a* .. .. sets (spare)	16 2*b*	3 —	
Woolwich Section No. 11.			
Grease, Field's .. .. .. lbs.	9		
Woolwich Section No. 18.			
Cordage, spun-yarn, hemp, 3-thread, tarred .. .. lbs.	10		
Lashings, tarred, 32-feet (spare)	2		
1½-inch, 16 „ „	4		
Ropes, drag, light, G.S. .. .. pairs	2		
Woolwich Section No. 23.			
Cartridges, small-arm, ball, pistol, Webley, cordite, Mark II	204	..	1 complete box will be issued.
Woolwich Section No. 25.			
Boards, inventory	2		
Knives, opening tins	2		
Woolwich Section No. 29.			
Mekometers, Artillery, horse and field, with appurtenances, complete sets (spare)	1		

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a To be stored in the following sizes:—

	No. 3.	No. 4.	No. 5.	No. 5, with calkins.	No. 6. with calkins.	No. 7, with calkins.	No. 8, with calkins.
Shoes, horse, sets	3	4	2	1	3	3	2

One spare set of shoes, with nails, for each horse; of these, a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, and the remainder in ammunition and store wagon.

b Provided in order that horses joining on mobilization may be re-shod if necessary.

Note.—A reserve box of Veterinary Stores will be supplied to each Br'gade Division Staff, on mobilization, by Army Veterinary Department.

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SERVICE BATTERIES.

Arms.

TABLE 10.	General Proportions.
Weedon Section.	
Carbines, M.M., Artillery, Mark II	12 per battery.
Pistols, Webley, *a b*	1 per staff-serjeant *d* and 1 per driver.
rods, cleaning, L.S.	1 per pistol.
Pull throughs, ...	1 per carbine.
double	1 per battery (with 2 spare cords and gauzes)
Reflectors, mirror *c*	1 per battery.
Scabbards, sword-bayonets, M.H. Carbine	1 per sword bayonet.
sword, Cavalry, pattern 1899, Mark I	1 per Cavalry sword.
Sword-bayonets, M.H. Carbine *a*	1 per collarmaker, wheeler, and gunner.
Swords, Cavalry, pattern 1899	1 per N.C. officer, trumpeter, shoeing smith, and acting bombardier.

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a 9 Cavalry swords are allowed for acting bombardiers. If any gunners or drivers act as bombardiers, their bayonets, or pistols with cleaning rods, are spare.

b 25 per cent. of the normal war establishment are allowed for use in peace for instructional purposes, &c.

c For examining interior of barrels.

d Battery serjeant-majors and battery quarter-master-serjeants only.

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Ammunition.

TABLE 11.

	Complete Normal War Equipment.			Peace. Higher Establishment Battery.			Peace. Lower Establishment Battery.			Remarks.
	Mark I* or II* Equipment.	Mark III or III* Equipment.	Mark IV Equipment.	Mark I* or II* Equipment.	Mark III or III* Equipment.	Mark IV Equipment.	Mark I* or II* Equipment.	Mark III or III* Equipment.	Mark IV Equipment.	
GUN.										
Rounds, per gun: cartridges, B.L., 15-pr., 15¾ oz., cordite, size 5	148	166	156	96	109	102	78	90	84	
fuzes T and P, No. 56, Mark IV	148	168	152	95	108	99	77	88	81	
practice...	...	...	...	...	...	...	...	...	...	*See* para. 26, p. 9.
saluting 1½ lbs., blank powder ...	...	...	...	50	...	...	50*a*	...	...	*a* 4 guns only.
saluting 1¼ ,, ,, ,, ...	...	...	...	...	50	50	...	50*a*	50*a*	*a* 4 guns only.
shrapnel shell...	140	158	142	90	103	92	73	84	75	
case shot	8	8	8	6	6	6	5	5	5	
tubes, friction, T	170	200	180	115	130	115	96	106	93	
SMALL ARM.										
Cartridges, small-arm, 57 Cape 8480: ball, ·303-inch, cordite, for cordite	...	..	...	...	...	...	...	...	...	20 rounds per carbine.
,, practice	...	...	...	...	...	...	...	...	...	*See* Part 1, Equipment Regulations.
ball, pistol, Webley, cordite, for service, Mark II ...	...	...	...	...	...	..	...	...	...	12 rounds per pistol, including officers. *b*
,, practice, Mark III ...	...	...	...	...	...	...	...	...	...	*See* Part I, Equipment Regulations.
blank, ·303-inch	...	...	...	...	...	...	...	..	...	*See* Part I, Equipment Regulations.
blank, pistol, Webley	...	...	...	...	...	...	...	..	...	*See* Part I, Equipment Regulations.
Puffs, powder, 4-oz.	...	...	...	50	50	50	50	50	50	Annual allowance.
Tubes, friction, copper. solid drawn, special	...	...	...	60	60	60	60	60	60	Annual allowance.

b 12 rounds for each pistol in peace equipment will be held in battery charge, the remainder in mobilization equipment in charge of the unit.

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Accoutrements.

TABLE 12.	General Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks—1 each, "Peace" or "War."
Belts, waist, buff, Cavalry, patt. '85, S.S.	1 per staff-serjeant.
Belts, waist, buff, Cavalry, patt. '85, O.R.	1 per Cavalry sword other ranks.
Belts, waist, buff, Field Artillery, dismounted and drivers' with plate	1 per collarmaker, wheeler, gunner, and driver.
Bottles, water, enamelled, L.S.....	1 per N.C. officer and man.
Cases, brown, pistol, L.S.	1 per pistol.
Frogs, buff, bayonet, G.S.	1 per sword-bayonet.
Handcuffs, common *a* .... pairs	2 per battery.
Knots, sword, buff, G.S.	1 per staff-serjeant.
Knots, sword, buff, Cavalry, line, O.R.	1 per Cavalry sword other ranks.
Lanyards, pistol....	1 per pistol.
Pouches, black-japanned, Artillery	1 per carbine.
Pouches, ammunition brown, pistol, Infantry ...	1 per pistol.
Slings, carbine, buff, Artillery *b*	1 per carbine.
Straps, buff, water-bottle, mounted services	1 per water-bottle.
Whistles, Infantry	1 per staff-serjeant and serjeant.

5 Art. 9137

a Carried in R.A. Store Wagon.
b When existing stock is used up "Slings, rifle, web, G.S.," will be issued.

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Articles for Repair of Accoutrements.

TABLE 13.

	Per Battery. War. — 3 months' supply.	Peace. — Annual Supply. Higher Establishment Battery.	Peace. — Annual Supply. Lower Establishment Battery.	Remarks.
Woolwich Section No. 1.				
Billets, buff, waist-belt, Cavalry, line, all ranks, without buckles	....	1	1	
Buckles, brass, frog	....	1	1	
Buckles, brass, waist-belt, Cavalry, line	....	*a*	*a*	
Buckles, brass, waist-belt, Cavalry, patt. '85	....	*a*	*a*	
Buckles, brass, waist-belt, Field Artillery	....	1	1	
Buttons, brass	....	1	1	
Chapes, waist-belt, Cavalry, patt. '85	....	*a*	*a*	
Hooks, brass, side, Cavalry, line	....	1	1	
Loops, brass, waist-belt, Cavalry, patt. '85	....	*a*	*a*	
Pieces, leather, buff, 5½ in. × ¾ in. (for Field Artillery waist-belt)	....	2	2	
Pieces, leather, buff, 4¼ in. × ¾ in. (for waist-belt safe, patt. '85)	....	*a*	*a*	
Pieces, leather, buff, 3 in. × ½ in. (for sword knot)	....	1	1	
Safes, waist-belt, buff, Artillery	....	2	2	
Safes, waist-belt, buff, Cavalry	....	*a*	*a*	
Short parts, waist-belt, Cavalry	....	*a*	*a*	
Straps, buff, frog....	....	1	1	
FOR REPAIR OF "BOTTLES, WATER, ENAMELLED."				
Chains, with end rings	....	5	4	
Corks, complete, without chains	....	8	7	
Covers, water-bottle, enamelled....	....	16	14	

54 Gen. No. 8037

a 3 per cent. brass articles, and 5 per cent. leather.

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Musical Instruments.

TABLE 14.	General proportions.
Woolwich Section No. 1.	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, Royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

Saddlery and Harness.*a*

TABLE 15.	Per Battery.				Remarks.
	War.		Peace.		
	Complete Normal War Equipment.	Additional, when specially ordered.	Higher Establishment.	Lower Establishment.	
SADDLERY.					
Woolwich Section No. 5.					
Officers, public, R.A., sets	5	—	5	5	
Woolwich Section No. 6.					
Universal, R.A., steel arch, pattern '90, ... sets	23	—	23	19	Traces, saddlery, are allowed at the rate of 2 pairs per carriage and ammunition wagon limber; carried on footboards.
HARNESS.					
Woolwich Section No. 5.					
Pole-draught, R.A.,*b* lead single, sets	62	4	40	26	
Pole-draught, R.A.,*b* wheel, single, sets	40	2	22	16	

a For details of sets of saddlery and harness see Appendix VIIIB, Part I, Equipment Regulations.

b In order to increase facilities for instruction in riding drill, sufficient stirrup irons, stirrup leathers, and stirrup leather runners may be taken from mobilization equipment to equip each "off" saddle in peace equipment.

20 Art. 2273

54 Art. 8882

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Harness and Saddlery.

TABLE 16.	Peace. Spare Per Battery. Higher Establishment.	Peace. Spare Per Battery. Lower Establishment.	War. Spare per Battery.	Remarks.
HARNESS AND SADDLERY.				
Woolwich Section No. 2.				
Ropes, head, hemp, with ring	6	4	....	
Woolwich Section No. 5.				
Bits, portmouth, reversible, Mark II heads,	5	3	5	
Bits, portmouth, reversible, bridle	2	2	2	
Breechings *a*	1	1	1	
Chains, hame *a*	2	2	3	
Couples, trace	6	4	6	
Hames *a* .... pairs	3	3	3	
Hooks, pole bar *a*	6	4	6	
Leggings, drivers *a*	2	2	2	
Links, double *a*	4	4	4	
Pannels, numnah, drivers', Mark I .... pairs	6	4	11	
Pans, oil	4	2	....	Annual supply.
Pieces, buckling, 1½-in. *b*	1	1	2	
Reins, bearing, Mark II *c*...	2	2	4	
Reins, driving, long *d* sets	1	1	3	
Reins, side	1	1	2	
Rings, clip *d*	4	4	12	
Straps, back *d*	2	2	6	
Straps, breast, breeching *a*	2	2	2	
Straps, flank	2	2	4	
Straps, hame	3	3	3	
Straps, pole *a*	6	4	6	2 per section.
Straps, wither, 1½-in. *e*	2	2	2	

a Special to Pole Draught, R.A.
b 1-inch will be issued when stock of 1½-inch is exhausted.
c One "leading rein" in lieu of 1 "bearing rein" per double set will be issued until store of former is exhausted.
d Provided in order that the Artillery, and Ammunition and Store Wagons, R.A., including that for tents, etc., may be driven from the box if required.
e 1-inch will be issued with "Pieces, buckling, 1-inch."

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Harness and Saddlery—*continued.*

TABLE 16—*continued.*	Peace. Spare. Per Battery. Higher Establishment.	Peace. Spare. Per Battery. Lower Establishment.	War. Spare per Battery.	Remarks.
HARNESS AND SADDLERY—*continued.*				
Woolwich Section No. 5—continued.				
Traces, harness, short	9*a*	8*a*	12*a*	
Traces, harness, wheel, ... pairs	1	1	1	
Whips, drivers	4	3	6	
Whips, driving *b*....	1	1	3	
Woolwich Section No. 6.				
Bits, bridoon	2	2	4	
Bits, port-mouth, chains, curb	6	4	6	
Bits, port-mouth, hooks, curb	12	8	12	
Blankets, saddle	2	2	2	
Collars, head, Mark III.	3	2	3	
Girths, leather, patt. '84	3	2	4	
Irons, stirrup, G.S.	....	....	36*c*	
Leathers, stirrup	....	....	36*c*	
Runners, stirrup leather	....	....	36*c*	
Straps, cloak, and wallet	2	2	2	
Straps, cloak, centre	....	....	2	
Straps, shoe case, pattern 1884	1	1	1	
Surcingles, leather, harness	2	2	2	

54 Art. 8882

a 1 trace carried on the footboard of each carriage and ammunition wagon limber.
b Provided in order that the Artillery, and A. and S. Wagons, R.A., including that for tents, etc., may be driven from the box if required.
c Additional for use on mobilization as required.

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 17.	General proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse and 4 spare per battery. *a*
Bridles, mouthing, bits	2 per battery. *b*
Bridles, mouthing, heads, bridle	2 ,, ,, *b*
Bridles, mouthing, reins	2 ,, ,, *b*
Bridles, snaffle	Batteries on Higher Peace Establishment:—6. *b* Batteries on Lower Peace Establishment:—4. *b*
Brushes, harness, hard	1 per double set of harness.
Brushes, horse	1 per horse annually.
Cavisons	1 per battery. *b*
Combs, curry	1 per horse annually.
Crosstrees	1 per battery. *b*
Pickers, hoof	1 per driver, and ranks armed with Cavalry swords.
Rollers, breaking	1 per battery. *b*
Sacks, corn, 4-bushel, canvas *c d*	1 per 12 horses and 12 spare.
Scissors, trimming, ... pairs	1 pair per 12 horses annually.
Sponges, 7-drachms	3 per riding horse, and 4 per draught horse annually.
Straps, kicking *e*	1 per battery.
Whips, hand	4 ,, *b*
Whips, longeing	2 ,, *b*

a For war, 8 spare are allowed per battery.
b For use in peace only.
c For "peace" or "war," carried in A. and S. wagons, R.A.
d The 5-bushel sacks now in possession should be continued in use for home service until stock is exhausted.
e Special to pole draught, R.A.

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HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery, including Saddletrees, are given in Appendix XIV, Part I, Equipment Regulations.

Materials for Preservation of Harness and Saddlery in Mobilization Equipment.

The following is allowed annually for mobilization equipment in charge of the unit, viz. :—

TABLE 18.		Higher Establishment Batteries.	Lower Establishment Batteries.
Dubbing, ...	lbs.	2	$3\frac{1}{4}$
Linen, old, for cleaning, ...	"	5	$8\frac{1}{4}$
Napthaline, ...	"	4	4
Oil, rape, ...	qts.	7	$9\frac{3}{4}$
Soap, soft, ...	lbs.	25	36

Materials for Repair and Preservation of Equitation Articles.

TABLE 19.	Peace. Per Battery.	Remarks.
Woolwich Section No. 5.		
Sponges, 7-drachms	2	Annual supply.
Woolwich Section No. 6.		
Cord, whip, ... ozs.	6	
Woolwich Section No. 11.		
Oil, rape, ... pints	1	
Soap, soft, *a* .... lbs.	5	
Woolwich Section No. 31.		
Linen, old (rags), ... lbs.	$\frac{1}{4}$	

a Half a bar of yellow soap may be drawn in lieu of a lb. of soft.

N.B.—No other materials than those given in this Table are considered necessary, he materials supplied for repairing the harness and saddlery generally being ufficient for casual repairs to the equitation articles also.

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TABLE 20.

Carriages.

		Normal War Equipment.						Peace Equipment.				
			Wagons.						Wagons.		Per Battery.	
		Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
	Woolwich Section No. 4.											
54 Art. 8406	**Covers,** wagon, G.S., Mark IV*a*	....	....	....	....	1*a*	....	....	....	....	....	....
	Woolwich Section No. 13.											
	Arms, spare wheel, wagon, ammunition and store	....	....	....	....	....	2	....	....	....	....	....
	Bars, supporting draught pole, No. 2, *b* (spare)	....	....	....	....	....	3*b*	....	....	....	3*b*	3*b*
	Carriages, field, B.L., 15-pr., Marks I*, II*, III, III*, or IV	....	....	....	....	....	6	....	....	....	6	6
	FITTINGS (SPARE).											
Marks I*, II*, III, III*, or IV	blocks, brake, field and transport, Mark II	....	....	....	12	....	....	....	....	....	6*c*	6*c*
	bolts, capsquare‡	....	....	2	....	....	....	....	....	....	2*c*	2*c*
	bolts, connecting, supporting stays (brake gear) *d*	....	....	....	2	....	....	....	....	....	....	....
	bolts, connecting, brake arms *d*	....	....	....	2	....	....	....	....	....	....	....
	buffers, hydraulic‡	....	....	1	....	....	....	....	....	....	....	....
	capsquares ¶ left, ...	....	....	....	1	....	....	....	....	....	1*c*	1*c*
	capsquares ¶ right, ...	....	....	....	1	....	....	....	....	....	1*c*	1*c*
	keys, capsquare, No. 15†	....	....	2	....	....	....	....	....	....	2*c*	2*c*
	keys, capsquare, „ 16, left§	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	keys, capsquare, No. 17, right§	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	keys, capsquare, „ 22, *d*	....	....	2	....	....	....	....	....	....	1*c*	1*c*
	levers, supporting, brake block¶ *cc*	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	nuts, actuating screw, brake gear¶ *d d*	....	....	6	....	....	....	....	....	....	....	....

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Carriages, field, B.L., 15-pr.,	pins, axis locking lever *d*	....	....	....	....	2	....	....	....	....	....	....	....	....
	pins, coupling, connecting rod, brake gear *c c*	....	....	....	....	4	....	....	....	....	....	....	....	....
	pins, keep-pin, bracket sliding, rear‡	....	2	....	....	....	....	....	....	....	2	....	6	4
	pins, locking, brake shoe *c c*	....	....	....	....	3	....	....	....	....	....	....	....	....
	pins, locking, releasing lever¶	....	....	....	....	3	....	....	....	....	....	....	....	....
	pins, screw, elevating‡	....	....	....	....	1	....	....	....	....	....	....	....	....
	plugs, filling hole, hydraulic buffer‡	....	....	....	....	1	....	....	....	....	....	....	1*c*	1*c*
	ropes, wire	....	....	....	....	....	2	....	....	....	....	....	1*c*	1*c*
	screws, securing rocking shaft bracket (brake gear) ¶ *cc dd*	....	....	....	....	6	....	....	....	....	....	....	2*c*	2*c*
	shackles, wire rope, large	....	....	....	....	2	....	....	....	....	....	....	1*c*	1*c*
	shackles, wire rope, small	....	....	....	....	4	....	....	....	....	....	....	2*c*	2*c*
	springs, axletree box¶	....	....	....	....	4	....	....	....	....	....	....	2*c*	2*c*
	springs, pawl, supporting spade¶	....	....	....	....	2	....	....	....	....	....	....	1*c*	1*c*
	springs, spiral, brake block *cc dd*	....	....	....	....	12	....	....	....	....	....	....	6*c*	6*c*
	springs, spiral, recoil, front	....	....	....	....	2	....	....	....	....	....	....	1*c*	1*c*
	springs, spiral, recoil, rear	....	....	....	....	2	....	....	....	....	....	....	1*c*	1*c*
	wheels, hand, elevating¶	....	....	....	....	....	1	....	....	....	....	....	....	....
	SPECIAL IMPLEMENTS.													
	spanners, No. 176†	....	....	....	....	....	1	....	....	....	....	....	1*c*	1*c*
Covers, wagons,	ammunition and store, R.A.	....	....	....	....	....	....	1*e*	....	....	....	....	....	....
	artillery	....	....	....	....	....	....	....	....	....	....	1	1	1
	forge, R.A.	....	....	....	....	1	....	....	....	....	....	....	....	....
	store, R.A.	....	....	....	....	....	1	....	....	....	....	....	....	....
Handspikes, traversing,	No. 1, Mark II†‡	....	(spare)	....	1	....	....	....	....	....	1	....	3	2
	,, 2, Mark II§	....	,,	....	1*f*	....	....	....	3	....	....	....	....	....
	,, 2, Mark III *d*	....	,,	....	1*f*	....	....	....	3	....	....	....	....	....
Hoops, bale, wagon, sets	ammunition and store, R.A.	....	....	....	....	....	....	1	....	....	....	....	....	....
	artillery	....	....	....	....	....	....	....	....	....	....	1	1	1
	forge, R.A.	....	....	....	....	1	....	....	....	....	....	....	....	....
	store, R.A.	....	....	....	....	....	1	....	....	....	....	....	....	....

‡ For Mark II* carriages only. † For Mark I* carriages only. § Marks III and III* carriages. ¶ According to marks of carriages.
a For baggage and tents, &c., wagons. *b* 1 per section carried on the platform board of carriage limbers.
c Carried as convenient. *d* For Mark IV carriages only. *e* For supply wagon. *f* 1 per section.
cc Except Mark IV carriages. *dd* Except Mark III carriages.

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Carriages—*continued.*

TABLE 20—*continued.*

	Normal War Equipment.						Peace Equipment.				
		Wagons.						Wagons.		Per Battery.	
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 13—continued.											
FITTINGS (SPARE)—*continued.*											
Keys, limber hook, No. 2, ... (spare)	....	....	....	1	....	....	....	....	....	....	....
Limbers, field, B.L., 15-pr., carriage, Marks I to IV	....	....	....	....	....	6	....	....	....	6	6
Limbers, field, B.L., 15-pr., wagon, ,, I to IV	....	....	....	....	....	6	....	....	....	3	2
Limbers, wagon, forge, R.A.	....	....	....	....	....	1	....	....	....	....	....
Limbers, wagon, store, R.A.	....	....	....	....	....	1	....	....	....	....	....
Pins, linch, 2nd class, Mark II, ... (spare)	1	1	1	1	1	....	1	1	....	....	....
Pins, linch, 2nd class, wagon, artillery ,,	....	....	....	....	....	....	....	....	1	....	....
Pins, pole, No. 17 and 18 pole .... ,,	....	1*fg*	....	....	....	3	....	1	....	1	1
Pins, pole, No. 17 and 18 pole .... ,,	....	1*h*	....	....	....	4	....	1	....	1	1
Poles, draught, No. 18 (jointed) .... ,,	....	....	....	....	....	3*g*	....	....	....	1*c*	1*c*
Poles, draught, No. 18 (jointed) .... ,,	....	....	....	....	....	4*h*	....	....	....	1*c*	1*c*
Poles, draught, No. 7A .... ,,	....	....	....	....	....	1*i*	....	....	....	....	....
Raves, wagon, ammunition and store, R.A., pairs	....	....	....	....	1*j*	....	....	....	....	....	....
Straps, securing, 36-in. × 1½-in., (spare wheel)	....	....	....	....	....	4	....	....	....	....	....
Swingletrees, No. 10A, ... (spare)	1	1	1	3	1	....	1	1	1	10	9
Wagons, ammunition, and store, R.A.	....	....	....	....	....	3*a*	....	....	....	....	....
Wagons, ammunition, B.L., 15-pr., Marks I, II, II*, III, or IV....	....	....	....	....	....	6	....	....	....	3	2
Wagons, artillery	....	....	....	....	....	....	....	....	....	1*b*	1*b*
Wagons, forge, R.A.	....	....	....	....	....	1	....	....	....	....	....
Wagons, store, R.A.....	....	....	....	....	....	1	....	....	....	....	....

2) Arty. 2373

20 Arty. 2373

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Washers, drag, 2nd class, "C," Mark II (spare)	1	1	1	1	1	....	1	1	....	9	8
Washers, " wagon, artillery .... "	....	....	....	....	....	....	....	....	1	1	1
Washers, steel, arm, axletree, $\frac{1}{16}$-in. thick	....	1	....	....	....	....	....	....	....	6*c*	6*c*
Washers, 2nd class, "C," $\frac{3}{32}$ " "	....	1	....	....	....	....	....	....	....	6*c*	6*c*
Wheels, 2nd Class, "C," 35A .... (spare)	....	....	....	....	....	2*d*	....	....	....	....	....
Wheels, 2nd Class, "B," 28 .... "	....	....	....	....	....	1*d*	....	....	....	....	....

a One ammunition and store wagon (baggage) complete, will accompany the battery on change of station by march route, or on manœuvres, if required, and will be returned to mobilization equipment in charge of the unit on completion of the same. Includes a wagon for tents, blankets, and reserve rations for use when specially ordered.

b Until stock is exhausted—For fatigues, and is to be left behind on change of station.

c Carried as convenient.

d Carried as under :—

1 B. No. 28 on baggage wagon.

1 C. No. 35A on baggage wagon and 1 on supply wagon.

f 1 per section.

g For Marks I* to III* equipments, carried in A, C, and E subdivisions.

h For Mark IV equipment, carried in A, C, E, and F subdivisions.

i Carried on supply wagon.

For baggage and tents, &c., wagons.

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Tools for Painting Carriages, &c.

Triennial supply, during Peace only.

TABLE 21.	Per Battery.	Remarks.
Woolwich Section No. 5.		When a battery is placed on a war footing, the tools in possession may be retained until used up, but they will not be maintained in the field.
Pans, oil	6	
Woolwich Section No. 7.		
Brushes, sable, writing, duck, large	2	
Cans, paint, 7½ inches diameter	1	
Cans, paint, 7 ,, ,,	1	
Knives, palette, 9-inch.... ...	1	
Knives, putty	1	
Woolwich Section No. 25.		
Brushes, paint, *a* ground 0 0 0	1	
Brushes, paint, *a* sash tool, No. 2	2	
Brushes, paint, *a* sash tool, No. 4	1	
Brushes, paint, *a* sash tool, No. 6	1	

a Supplied annually.

Materials for Painting Carriages, &c. *a*

Annual supply, during Peace only.

TABLE 22.	Paint Prepared. Khaki Colour.		Putty.		Mineral Jelly. *b*	
	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.
Woolwich Section No. 13.						
Axletree, arm points, &c.	....	....	....	....	3	0
Carriages, field, B L., 15-pr. *c*	5	12	0	8	....	....
Covers, wagon, ammunition and store, R.A., Marks II to III	9	0	....	....	....	....
Covers, wagon, ammunition and store, R.A., ,, IV	11	4	..	..	...	....
Covers, wagon, forge, R.A., Marks I* to III ...	7	4	....	....	....	....
Covers, wagon, store, R.A., Mark I	7	4	....	....	....	....
Covers, wagon, store, R.A., Other marks.... ...	7	8	....	....	....	....
Covers, wagon, Artillery	12	4	....	....	....	....
Limbers, field, B.L., 15-pr.	5	8	0	8	....	....
Poles, draught	0	5	0	1	....	....
Wagons, ammunition and store, R.A.	16	0	2	0	....	....
Wagons, ,, B.L., 15-pr.	6	8	0	8	....	....
Wagons, forge, R.A., with limbers, Marks I* and II	15	0	1	8	....	....
Wagons, store, R.A., with limbers	14	0	1	8	....	....
Wagons, artillery	15	0	2	0	....	....
Wheels, 2nd class, "B," No. 28	1	0	0	1	....	....
Wheels, 2nd class, "C," No. 35 or 35A	1	8	0	2	....	....
Wheels, 2nd class, "C," ,, 36 or 42						
Wheels, 2nd class, "C," ,, 37	1	0	0	1	....	....

a For the carriages and other vehicles forming the mobilization equipment in charge of Batteries, the proportion of paint, &c., should only be issued when they actually require painting.
b For coating bright parts.
c ¼ gill of raw linseed oil for side arms to each carriage.

57 Aldershot 6628

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Time and Working Pay allowed for Scraping, Cleaning and Painting Carriages, &c. *a*

TABLE 23.	Scraping and Cleaning.		Painting.			
			Priming, or First Coat.		Stopping, or Second Coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
Woolwich Section No. 13.						
Carriages, field, B.L., 15-pr.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
57 Aldershot 6628 — **Covers,** wagon, ammunition and store, R.A., Marks II to III	....	....	3 0	0 3	....	....
57 Aldershot 6628 — **Covers,** wagon, ammunition and store, R.A., Mark IV	....	....	3 45	0 $3\frac{3}{4}$	....	....
57 Aldershot 6628 — **Covers,** wagon, forge, R.A., Marks I* to III	....	....	2 25	0 $2\frac{5}{12}$	....	....
57 Aldershot 6628 — **Covers,** wagon, store, R.A., Mark I	....	....	2 25	0 $2\frac{5}{12}$	....	....
57 Aldershot 6628 — **Covers,** wagon, store, R.A., Other marks	....	....	2 30	0 $2\frac{1}{2}$	....	....
57 Aldershot 6628 — **Covers,** wagon, Artillery	....	....	4 0	0 4	....	....
Limbers, field, B.L., 15-pr.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
Wagons, ammunition and store, R.A.	13 0	1 1	13 0	1 $7\frac{1}{2}$	17 0	2 $1\frac{1}{2}$
Wagons, ,, B.L., 15-pr.	7 30	0 $7\frac{1}{2}$	5 0	0 $7\frac{1}{2}$	6 30	0 $9\frac{3}{4}$
Wagons, forge, R.A., with limbers, Marks I* and II	16 0	1 4	13 30	1 $8\frac{1}{4}$	18 0	2 3
Wagons, store, R.A., with limbers	15 0	1 3	12 30	1 $6\frac{3}{4}$	17 0	2 $1\frac{1}{2}$
Wagons, artillery	13 0	1 1	13 0	1 $7\frac{1}{2}$	17 0	2 $1\frac{1}{2}$
Wheels, 2nd class, "B," No. 28	0 25	0 $0\frac{5}{12}$	0 40	0 1	0 45	0 $1\frac{1}{8}$
Wheels, 2nd class, "C," No. 35, 35A, 36, or 42	0 40	0 $0\frac{2}{3}$	0 50	0 $1\frac{1}{4}$	1 0	0 $1\frac{1}{2}$
Wheels, 2nd class, "C," ,, 37	0 25	0 $0\frac{5}{12}$	0 40	0 1	0 45	0 $1\frac{1}{8}$

a See Part 1, Equipment Regulations.

Materials for Painting, and Time and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 24.	Khaki colour, each coat.	Lacquer, for bore, each coat.	Cleaning exterior and interior.		Painting exterior and lacquering interior, one coat.	
			Time.	Amount.	Time.	Amount.
	lbs. ozs.	lbs. ozs.	H. M.	s. d.	H. M.	s. d.
Ordnance, B.L., 15-pr.	0 7	0 2	2 0	0 2	0 30	0 $0\frac{3}{4}$

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Camp Equipment.

TABLE 25.

	Field Service.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	General Proportions.
Woolwich Section No. 1.												
Bags, kit, R.A.	4	4	2	....	....	....	4	4	....	36	32	
Woolwich Section No. 2.												
Axes, felling, curved helve	1	1	1	1	1	....	1	1	....	9	8	
Axes, pick, heads, 6½-lbs.	1	1	1	1	1	....	1	1	....	9	8	
Axes, pick, helves, 34½-in. ...	1	1	1	1	1	....	1	1	....	9	8	
Bags, picketing gear ...	1	1	1	2*a*	1	....	1	1	....	9	8	
Bars, crow, 5-ft. 6-in.	....	....	....	1	....	....	....	....	....	....	....	
Boxes, candle, F.S. ...	....	....	2	2	....	....	....	....	....	....	....	
Buckets, water, G.S., leather	4	2	2	2	2	....	4	2	....	30	28	
Cords, forage	....	....	....	....	....	....	....	....	....	....	....	1 per horse.
Covers, saddle *b*	....	....	....	....	....	....	....	....	....	....	....	1 per set of saddlery and harness.
Hooks, bill	1	1	1	1	1	....	1	1	....	9	8	
Hooks, reaping, large	....	....	....	24	2	....	....	....	....	....	....	
Kettles, camp, oval, 12-qts.	....	....	....	....	....	14*c*	....	....	....	....	....	
Lanterns, tent, folding	....	....	2	2	....	....	....	....	....	....	....	
Mallets, heel-peg, and small picket	2	2	2	2	2	....	2	2	....	18	16	2 per vehicle.

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Nets, forage .... pairs	....	....	....	....	....	131	....	....	....	90	66	1 pair per horse.
Nets, hay	....	....	....	....	....	....	....	....	....	....	....	1 per horse at home stations only when required.
Pads, surcingle, Mark II	....	....	....	....	....	130	....	....	....	90	66	1 per surcingle.
Panniers, grocery, G.S.	....	....	....	....	1	2	....	....	....	....	....	
Pegs, picketing, with rope loop — for heel rope	6	6	6	4	6	131*d*	6	6	....	90	66	1 per horse.
Pegs, picketing, with rope loop — for built up rope	3	3	3	2	3	66*c*	3	3	....	45	33	1 per 2 horses.
Racks, arm, tent	....	....	....	....	....	7	....	....	....	2*g*	2*g*	
54 Art. 8202 **Ropes,** head, hemp, with ring....	....	....	....	....	....	131	....	....	....	90	66	1 per horse.
Ropes, heel *h*	....	....	....	....	....	151	....	....	....	103	76	1 per horse and 15 per cent. spare.
Ropes, picketing, 4-ft. 9-in. *i*	6	6	6	4	6	138	6	6	....	94	69	1 per horse and 5 per cent. spare.
Rugs, horse, large *j*	....	....	....	....	....	7	....	....	....	4	3	5 per 100 horses.
Shovels, universal	....	....	....	....	1	....	....	....	....	....	....	
Spades, N.P.	2	2	2	2	1	....	2	2	....	18	16	
Tents, complete, circular, single linen *k*	....	....	....	....	....	16*f*	....	....	....	2*g*	2*g*	
Wedges, sawyers, steel — 10-in.	....	....	1	....	....	....	....	....	....	....	....	
Wedges, sawyers, steel — 7-in.	....	....	2	....	....	....	....	....	....	....	....	

a 1 bag contains the remaining picketing gear, not carried on horses, and the footboards of vehicles.
b These are for protection of saddlery and harness in camp.
c Carried in baggage wagon, or distributed amongst the other vehicles of the battery at the discretion of the officer commanding.
d Includes 1 for private horse carried on store wagon.
e Includes 19 carried on store wagon.
f Only issued when specially ordered.
g These are for drill purposes. They will be carried as convenient. On mobilization they will be returned to store.
h Carried on the horse (riding and draught). The "spare" 1 on each vehicle on footboards, remainder (5) on store wagon.
i These are carried as under:—
36 for riding and spare draught horses ... ... on the horse.
94 for draught horses ... ... on the footboards of limbers and wagons.
7 spare and 1 for private horse ... ... on store wagon.
j For sick horses.
k Spare mallets, pins and poles are provided in the proportion of 5 per cent. upon the number issued.

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Camp Equipment—*continued.*

TABLE 25—*continued.*

	Field Service.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	General Proportions.
Woolwich Section No. 26.												
Stones, rub, scythe ...	....	....	....	1	....	1	....	....	....	....	....	
Woolwich Section No. 27.												
Blankets, G.S.*a*	4	4	....	....	....	....	4	4	....	....	....	1 per N.C. officer and man.*b*

a The remainder of the blankets are carried in the A. and S. Wagon for tents, &c., when specially ordered.
b Only issued when specially ordered.

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Implements, Butchery. *a*
(Carried on Wagon, Store, R.A.)

TABLE 26.	War.	Peace.	
		Per Battery.	
	Per Battery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 26.			
Implements, butchers'—			
Balances, spring, 4-lb.	1	1	1
Cases, wood	1	1	1
Choppers, meat	1	1	1
Hooks, butchers', dressing, 9-inch *b*	6	6	6
Knives, butchers', cutting	1	1	1
Knives, butchers', flaying, large	1	1	1
Saws, tenon, 14-inch....	1	1	1
Sheets, ground (unserviceable) *c*	1	1	1
Steels, butchers'	1	1	1
Steelyards, 56 lbs.	1	1	1

a Implements for use in camp during peace to be demanded under Part I, Equipment Regulations.

b Hooks, butchers', S, flat plain, 6-inch, will continue in use until worn out

c To place the cut-up meat upon. A chopping block, if required, must be improvised.

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Ordnance and General Stores.

TABLE 27.

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 5.												
Brushes, water, carriage	1	1	1	1	1	....	1	1	....	9	8	
Couples, trace	2	2	2	2	2	....	2	2	....	18	16	
Woolwich Section No. 7.												
Cases, saw, hand	....	1	....	....	....	....	....	1	....	3	2	
Chests, tool, filled, *a* No. 3 F *b* ...	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.
,, 7 Mark II *c*	....	....	....	....	....	....	....	....	....	1	1	
,, 5 A	....	....	....	1	....	....	....	....	....	2	2	
,, 10 *b*	....	....	....	....	....	....	....	....	....	1	1	
screw cutting, bolt and nut, R.A., field, Whitworth thread, ¾-in. to ⅜-inch, filled *a*	....	....	....	....	....	1	....	....	....	1	1	
Chisels, ripping	....	....	....	....	1*d*	....	....	....	....	1	1	
54 Art. 8738 **Cutters,** wire, ...	1	....	....	....	....	....	1	....	....	6	6	
springs (spare)	2	....	....	....	....	12	2	....	....	12	12	
cutters (spare)	4	....	....	....	....	24	4	....	....	24	24	
Drivers, screw, G.S., 4-in.	1	1	....	....	....	....	1	1	....	9	8	
9-in.	....	....	....	....	1*d*	....	....	....	....	1	1	Carried as convenient.
Grindstones, F.S., 10-in.	....	....	1	....	....	....	....	....	....	1	1	
24-inch *e*	....	....	....	....	....	1	....	....	....	....	....	

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Hammers, claw, 20-oz.	1	....	....	....	....	....	1	....	....	6	6		
Hammers, riveting, 24-oz.	....	....	....	....	1 *d*	....	....	....	....	1	1	Carried as convenient.	
Hammers, smiths', sledge, 10-lb.	....	....	1	1	....	....	....	....	....	1	1		
Knives, clasp	....	1	....	....	....	....	....	1	....	3	2		
Nail pullers	....	....	....	....	....	....	....	....	....	1	1	Carried as convenient.	
Pincers, carpenters', pairs	1	....	....	....	....	....	1	....	....	6	6		
Saws, hand, 26-in.	....	1	....	....	....	....	....	1	....	3	2		
Spanners, McMahon, 15-in.	1	....	....	....	....	...	1	....	....	6	6		
54 Gen. No. 7707 **Tools,** forge, sets	....	....	1	....	....	....	....	....	....	1 *f*	1 *f*		
Tools, shoeing, ,,	....	....	5	....	....	....	....	....	....	5 *g*	4 *g*		
Tools, tinman's, *h* ,,	....	....	1	....	....	....	....	....	....	1	1	Carried as convenient.	
Vices, bench, saddletree-makers'	....	....	1	....	....	....	....	....	....	1 *i*			
Woolwich Section No. 10.													
Jacks, lifting, G.S.	....	1	1	....	....	....	....	1	....	4 *j*	4 *k*		
Locks, pad, iron, 2-inch (spare)	....	....	1	3	....	....	....	....	....	....	....		
Nails, horse shoe (*see* Shoes, horse)	....	....	....	....	....	....	....	....	....	....	....		

54 Art. 7494 40166 *a* For contents of chests see pages 18-26.

b When a battery is placed on the War Establishment, the smiths' and wheelers' tools are carried in special chests forming part of the forge wagon, and the ordinary chests returned to store. These tools will then be taken on charge as "Tools, sets, No. 10.....1" and "Tools, sets, No. 3F.....1," respectively. Four sponge cloths and a book for military artificers are carried with the wheelers' and with the smiths' tools.

6404 *c* On mobilization, this chest will be emptied and returned to store.

d Carried in locker under rear of A. and S. wagon for "Baggage."

e For sharpening swords. To be returned to Ordnance Store before the mobilized unit leaves for place of concentration.

f Issued with "Chest, tool, filled, No. 7."

g 1 set for each farrier and shoeing smith including the set allowed with "Chest, tool, filled, No. 7," and 1 set for instructional purposes. The set issued for instructional purposes will, on mobilization, be returned to store.

h The tinman's tools consist of—1 groover; 1 iron, soldering; 1 mallet, tinman's; 1 pair shears, tinman's Scotch, and a small allowance of solder; and these, together with 4 sponge cloths, will be carried on active service in a drawer of the forge wagon with the smiths' tools.

i Belongs to Forge Wagon, but in peace is held on peace equipment charge.

j 1 carried as convenient.

k 2 carried as convenient.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		PerBattery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section, No. 10—continued.												
38407 Equip. 2025 **Shoes,** horse, *a* sets, (spare)	....	....	59½*b*	....	3	131*c*	....	....	....	....	....	One spare set of shoes with nails for each horse; of these, a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, 3 sets in each A. and S. wagon, and the remainder in the forge wagon.
	....	....	....	....	....	20*d*	....	....	....	....	....	
Woolwich Section No. 11.												
Cylinders, paint, No. 3	....	...	....	....	....	3	....	....	....	3	3	For mineral jelly.
Grease, Field's, ... lbs.	3	31	3	3	6	....	3	31	6	117*e*	86*e*	Annual allowances, 126 lbs. for Higher Establishment batteries, and 70 lbs. for Lower Establishment batteries.
Mineral Jelly, *f* .... lbs.	....	.. .	....	9	....	....	...	....	....	9	9	For protection of bore and breech fittings
Oil, *g* olive, best quality, lubricating *h* pints	....	....	6	....	....	....	....	....	....	12*j*	12*j*	Annual supply.
Oil, *g* Rangoon *i* pints	1½	1	12	16	....	....	1½	1	....	48*j*	33½*j*	Annual supply.

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	Sacks, coal, 2 cwt., tarred, empty ...	....	....	1	....	....	....	....	....	....	....	....	
	filled, 112-lbs.	....	....	1	....	....	....	....	....	....	....	....	
	Tallow, Russian, *h*.... lbs.	....	....	....	6	....	....	....	....	....	12*j*	12*j*	Annual supply.
	Woolwich Section No. 13.												
	Boxes, cartridge, B.L., 15-pr. *k*	11	27	....	....	....	....	11	27	....	147	120	
	Boxes, 15 or 12-pr., 1¼-lb. blank *k*	....	....	....	....	....	....	....	....	....	12	12	To be carried in limbers or wagons, as required.
	Cans, lubricating, No. 9	1	....	....	....	....	....	1	....	....	6	6	
	Cartouches, B.L., 15-pr. limber *l*	2	2	....	....	....	....	2	2	....	18	16	
	Cartouches, B.L., 15-pr. wagon *l*	....	2	...	....	....	....	....	2	....	6	4	
54 Art. 7494	**Holdalls,** cleaning materials	....	....	....	....	....	....	...	....	....	6	6	To replace "Cartouches, leather," when those on charge are used up.
	Magazines, portable, B.L., 15-pr., and 12-pr. 6-cwt. cordite *l*	2	4	....	....	....	....	2	4	....	24	20	
	Posts, aiming blue disc / red ,, ...	2	....	....	....	....	....	2	....	....	12	12	
	Trays, B.L., fittings, R.A. store wagon—												
	No. 2, Mark II wagon (12 and 15-pr. Marks II to IV guns)	....	....	....	1	....	....	....	....	....	....	....	
	No. 3, Mark I wagon (12 and 15-pr. Marks II to IV guns)	....	....	....	1	....	....	....	....	....	....	....	

a For regulations as to horse shoes *see* Sect. IX, Part 1 (Peace) and paragraph 34 of Special Instructions, page 12.
b In addition to which 3 sets, with the nails sewn up in canvas, will be carried in the locker under the rear of each ammunition and store wagon, "Baggage" and "Supply."
c Includes 65½ sets carried with nails in shoe cases.
d Provided in order that horses joining on mobilisation may be re-shod if necessary.
e ½-lb. per wheel per annum will be allowed, in addition, for vehicles in mobilization equipment in charge of the unit.
f See paragraph 483 Magazine Regulations, 1899. 4 *oz.* of mineral jelly per gun will be allowed for one application.
g For war three months' supply.
h For preservation of obturating pads.
i 14 pints of the quantities shown are allowed for hydraulic buffers, Mark II* carriages; the proportion, per battery, for other Marks of Equipment will be reduced accordingly.
j Carried as convenient.
k For Mark IV Limbers and Wagons.
l For Marks I, II, and II* Limbers and Wagons.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons.				Per Battery.	Gun Carriage and Limber.	Wagons.		PerBattery.		
		Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.			Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 13—continued.												
Trays, B.L. fittings, R.A. store wagon—*continued.*												
No. 4, Mark I wagon } 12 and 15-pr.	....	....	....	1	....	....	...	....	....	....	....	
No. 5, Mark II wagon } Mark I guns	....	....	....	1	....	....	....	....	....	...	....	
Woolwich Section No. 14.												
Handspikes, common, 6-feet	....	1	....	....	....	....	....	1	....	3	2	
Woolwich Section No. 16.												
Plugs, vent, T	1 *a*	....	....	....	....	....	1 *a*	....	....	6	6	
Woolwich Section No. 17.												
Covers, bracket, telescopic sight, B.L., 15 and 12-pr.	1	....	...	....	....	....	1	....	....	6	6	
Ordnance, B.L., 15-pr.	....	....	....	....	....	6	....	....	....	6	6	

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	Fittings (Spare).											
Ordnance, B.L., 15-pr., Mark I.	bolts, elevating *b*	....	....	6	....	....	....	....	...	....	6*c*	6*c*
	bolts, stop	....	1*d*	....	....	....	1*d*	....	1	....	1*d*	1*d*
	brackets, telescopic sights, with 2 fixing screws, A and B	....	....	....	3	....	....	....	....	....	1*c*	1*c*
	clips, axial, head	....	3	....	....	....	....	....	3	....	9	6
	discs, pad, obturating, adjusting	1	1	....	....	....	....	1	1	....	9	8
	discs, pad, obturating, protecting sets	1	1	....	....	....	....	1	1	....	9	8
	heads, axial	....	....	....	1	....	....	....	....	....	1*c*	1*c*
	levers, cam	....	1*e*	....	....	....	3	....	1*e*	....	1	1
	pads, obturating	1	1	....	....	....	....	1	1	....	9	8
	pins, axis, clip, carrier ring	....	1*d*	....	....	....	1*d*	...	1	....	1*d*	1*d*
	pins, keep bolt, hinge, elevating *b*	....	2	....	....	....	....	....	2	....	6	4
	pins, keep bolt, hinge, cam lever carrier ring	....	2	....	....	....	....	....	2	....	6	4
	pins, keep bolt, hinge, ring	....	2	....	....	....	....	....	2	....	6	4
	rings, carrier	....	....	....	1	....	....	....	....	....	1 *c*	1 *c*
	screws, breech	....	....	....	1	....	....	....	....	....	1 *c*	1 *c*
	springs, stud, clip, carrier ring	3	3	....	....	....	....	3	3	...	27	24
	springs, stud, catch	....	12	....	....	....	....	....	12	....	36	24
	springs, stud, retaining, foresight	....	12	....	....	....	....	....	12	....	36	24
	vents, T, radial, Marks I or II *f*	1	1	....	....	....	....	1	1	...	9	8
	washers, vent, T	2	2	....	....	....	....	2	2	....	18	16
Ordnance, B.L., 15-pr., Marks II.-IV.	bolts, elevating	....	....	6	....	....	....	....	....	....	6	6
	brackets, telescopic sight, with 2 fixing screws, A and B	....	....	....	1	....	....	....	....	....	....	....
	boxes, slide	....	1*g*	....	....	....	3	....	1*g*	....	1*g*	1*g*
	blocks, retaining tube	....	1*g*	....	....	....	3	....	1*g*	....	1*g*	1*g*

a For Mark I Guns only.
b Required only when the gun is mounted on Marks I* or III carriages.
c Carried as convenient.
d Carried in "A" Subdivision.
e 1 per section.
f According to the mark of vent in use.
g 1 per section carried in "A," "C," and "E," subdivisions.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.						Peace Equipment,					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 17—continued.												
Fittings (Spare)—*continued.*												
B.L., 15-pr., Marks II–IV.												
carriers	....	....	....	1	....	....	....	...	....	....	....	
extractors, box, slide ...	....	1	....	....	....	....	....	1	....	3	2	
levers, breech mechanism	....	....	....	3	....	....	....	....	....	....	....	
obturators, pads, with front and rear protecting discs	1	1	....	....	....	....	1	1	....	9	8	
discs, adjusting obturators	1	1	....	....	....	....	1	1	....	9	8	
pinion, link	....	1*i*	....	....	....	1	....	....	....	1	1	
pins, keep, split, 2 in. × ·192 in.	6	....	....	....	....	....	6	....	....	36	36	
pins, keep, split, ·7 in. × ·08 in.	6	....	....	....	....	....	6	....	....	36	36	
pins, keep, split, ·35 in. × ·05 in.	6	....	....	....	....	....	6	....	....	36	36	
pins, keep, elevating bolt....	6	....	....	....	....	....	6	....	....	36	36	
screws, breech	....	....	....	1	....	....	....		....	....	....	

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Ordnance, springs, catch, retaining, breech mechanism lever	3	....	....	....	....	...	3	....	....	18	18
springs, catch, retaining, breech screw	3	....	....	....	....	....	3	....	....	18	18
springs, extractors ...	3	....	....	....	....	....	3	....	....	18	18
springs, guide bolt	3	....	....	....	....	....	3	....	....	18	18
springs, vent, T, axial	3	....	....	....	....	....	3	....	....	18	18
vents, T, axial	1	1	....	....	....	....	1	1	....	9	8
APPURTENANCES AND IMPLEMENTS.											
Bits, vent, 14-inch *a*	1	....	....	....	....	....	1	....	....	6	6
Boxes, obturating pads and discs, B.L., 15-pr. Mark I *b*	1	1	....	....	....	....	1	1	....	9	8
Boxes, obturating pads and discs, B.L., 15-pr. ,, II *c*	1	1	....	....	....	....	1	1	....	9	8
Boxes, obturator, steep coned, B.L., 15-pr. and 12-pr., Mark II–IV guns	1	1	....	....	....	....	1	1	....	9	8
Clamps, tangent sight, B.L., 15-pr. Mark I* *dj* ; ,, I** *e* ; 15-pr. and 12-pr., Mark II *dj*	2	....	....	....	....	....	2	....	....	12	12
Clamps, tangent sight, B.L., ,, ,, (spare)	....	1 *f*	....	....	....	3	....	1 *f*	....	1	1
Drifts, vent, 8-inch *g*	1	....	....	....	....	....	1	....	....	6	6
Ordnance, B.L., 15-pr., Mark I Wrenches: ratchet, radial T vent .... ; or Mark II, radial, T vent *h*	1	1	....	....	....	....	1	1	....	9	8

a Except Mark I guns. *b* For Mark I gun on Marks I* and II* carriages, until existing stock of Mark I boxes is used up.
c For Mark I gun on Marks III and III* carriages. *d* With Mark I*, IA* or III tangent sights, for Mark I guns on Marks I* or III carriages.
e With Mark I*, IA*, or III tangent sights, for Mark I guns on Mark II* carriages. *f* 1 per section carried in "A," "C," and "E" subdivisions.
g For Mark I guns only. *h* According to the mark of vent in use. *i* Carried in "A" subdivision.
j With Mark II*, IIA*, or IV tangent sights, for Mark I guns on Mark II* carriages.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.						Peace Equipment.					Remarks to Peace Equipment only.
	Gun Carriage and Limber.	Wagons.				Per Battery.	Gun Carriage and Limber.	Wagons.		Per Battery.		
		Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.			Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 17—continued.												
Ordnance, B.L., 15-pr., Marks II-IV, and 12-pr. 6-cwt., Marks II–IV Wrenches, breech mechanism — A	1	....	....	....	....	....	1	....	....	6	6	
B	1	....	....	....	....	....	1	....	....	6	6	
C	1	....	....	....	....	....	1	....	....	6	6	
Rimers, vent, T	1	....	....	....	....	....	1	....	....	6	6	
T (spare)	1	1	....	....	....	....	1	1	....	9	8	
Sights, B.L. fore, 15 and 12-pr. Mark II — Mark I guns	2	....	....	....	....	....	2	....	....	12	12	
Mark II guns	1	....	....	....	....	....	1	....	....	6	6	
15-pr. special, Mark III gun	1	....	....	....	....	....	1	....	....	6	6	
15-pr. Mark III, Mark IV guns	1	....	....	....	....	....	1	....	....	6	6	
(spare)	....	1*a*	....	....	....	3	....	1*a*	....	1	1	

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Sights, B.L., tangent, 15-pr. — Marks I*, IA*, or III *b*; „ II*, IIA* or IV *c*	2	....	....	....	....	....	2	....	....	12	12
Sights, B.L., tangent, 15-pr. — Mark V, Marks II to IV guns	1	....	....	....	....	....	1	....	....	6	6
(spare)	....	1*a*	....	....	....	3	....	1*a*	....	1	1
Sights, B.L., telescopic, 15-pr. — Mark III, (Mark I guns) Mark IV (Marks II to IV guns)	1	1*d*	....	....	....	7	1	1*d*	....	7	7
Woolwich Section No. 18.											
Brushes, breech screw ...	1	....	...	....	....	....	1	....	....	6	6
Caps, sponge, No. 4	....	1	....	....	....	1	...	....	....	1	1
Caps, „ „ 6	2	....	....	....	....	....	2	....	....	12	12
Cleaners, piasaba, B.L., 15 and 12-pr.	1	....	....	....	....	....	1	....	....	6	6
Cleaners, wool, B.L., 15 and 12-pr., and Q.F. 12-pr. 8 cwt.	1	....	....	....	....	....	1	....	....	6	6
Cloths, sponge	....	....	....	....	....	60*e*	....	....	....	60*e*	60*e*
Cordage — hawser, 3-strand, tarred-¾-in. .... fathom,	....	....	....	56	....	....	....	....	....	12½	12½
Cordage — spun yarn, hemp, 3 thread, tarred lbs.	..	....	....	....	5	....	....	....	....	....	....
Covers, breech, B.L., — 15-pr., Mark I gun	1	....	....	....	....	...	1	...	....	6	6
Covers, breech, B.L., — 15-pr., Marks II-IV, and 12-pr., Marks II-IV guns	1	....	....	....	...	....	1	....	....	6	6

a 1 per section carried in "A," "C," and "E" subdivisions.
b For Mark I guns on Marks I* or III carriages, with Marks I* or II clamps, and on Mark II* carriages with Mark I** clamps.
c For Mark I guns on Mark II* carriages, with Mark I* or II clamps.
d With "A" subdivision.
e 10 per gun carried in ammunition boxes, as convenient.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		PerBattery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section, No. 18—continued.												
Lashings, tarred, 1 in. × 10 ft.	....	3 *h*	....	....	4 *i*	....	....	3 *h*	....	3	3	
Lashings, tarred, 1½-in., 32 ft. (spare)	....	....	....	....	2	....	....	....	....	....	....	
Lines, Hambro'	....	1	....	....	....	....	....	1	....	3	2	
Marline, white .... lbs.	....	....	....	....	1	....	....	....	....	3	2	
Marline, white .... lbs.	....	1 *c*	....	....	....	....	....	1 *c*	....	3 *c*	2 *c*	
Rammers, B.L., 12 and 15-pr.	1 *c*	....	....	....	....	....	1 *c*	....	....	6 *c*	6 *c*	
Ropes, drag, light, G.S., pairs	1	1	1	1	1	....	1	1	....	9	8	
Sponges, R.M.L., 13-pr., jointed, Mark II	....	1	....	....	....	1	....	....	....	1	1	
Tow, coarse .... lbs.	...	....	....	....	....	6 *g*	...	....	....	6 *g*	6 *g*	
Woolwich Section No. 20.												
Cases, powder, M.L.-Keys	....	1	....	....	....	....	....	1	....	3	2	
Needles, magazine, P.B., 4-in.	....	1	....	....	....	....	....	1	....	3	2	
Scissors, magazine, pairs	....	1 *a*	....	....	....	3	....	1 *a*	....	1	1	
Silk twist .... oz.	....	2	....	....	....	....	....	2	....	6	4	

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	Woolwich Section No. 21.												
	Puffs, powder, 4 oz.	....	....	....	....	....	....	....	....	....	50	50	Annual allowance.
	Puffs, powder, pins	....	....	....	....	....	....	....	....	....	6	6	
	Woolwich Section No. 22.												
54 Art. 9055	**Fuzes**, time and percussion, No. 56, Mark IV *d*	42 *b*	106 *b*	....	....	....	....	42 *b*	106 *b*	....	....	....	
		46 *c*	106 *c*	....	....	....	....	46 *c*	106 *c*	....	....	....	
		48 *k*	120 *k*	....	....	....	....	48 *k*	120 *k*	....	....	....	
	Implements, fuze, shell, and cartridge — Keys, fuze, universal	3	4	....	....	....	....	3	4	....	30	26	
	Lanyards, friction tube, field, T, Mark II *j*	2	2	....	....	....	....	2	2	....	18	16	
	Tubes, friction, T *e*	60 *b*	110 *b*	....	....	....	....	60 *b*	110 *b*	....	....	....	
		50 *c*	130 *c*	....	....	....	....	50 *c*	130 *c*	....	....	....	
		60 *k*	140 *k*	....	....	....	....	60 *k*	140 *k*	....	....	....	
	Tubes, friction, copper, solid drawn, special	....	....	....	....	....	....	....	....	....	60	60	Annual allowance.
	Woolwich Section No. 22A.												
54 Art. 7821 9055	**Cartridges**, B.L., 15-pr., $15\frac{3}{4}$ oz., cordite, size 5	44 *b*	104 *b*	....	....	....	....	44 *b*	104 *b*	....	....	....	
		48 *c*	108 *c*	....	....	....	....	48 *c*	108 *c*	....	....	....	
		52 *k*	114 *k*	....	....	....	....	52 *k*	114 *k*	....	....	....	
	Covers, cartridge, canvas, B.L., 15-pr., $15\frac{3}{4}$ oz., cordite *f*	44	104	....	....	....	....	44	104	....	....	....	
	Shells, B.L., filled, shrapnel, 15-pr.	40 *b*	100 *b*	....	....	....	....	40 *b*	100 *b*	....	....	....	
		42 *c*	100 *c*	....	....	....	....	42 *c*	100 *c*	....	....	....	
		48 *k*	110 *k*	....	....	....	....	48 *k*	110 *k*	....	....	....	
	Shot, B.L., case	4 *l*	4 *l*	....	....	....	....	4 *l*	4 *l*	....	....	....	

a 1 pair per section. *b* Marks I* or II* equipments. *c* For Mark IV equipment.
d Each fuze will be separately wrapped in paper in its own cylinder. The designation number is shown on the label of the cylinder or other package in which the fuze is packed. The number stamped on the fuze itself denotes the number of the thousands manufactured.
e Packed in tin boxes, each containing 10. *f* Except Marks III, III*, and IV equipments.
g For packing stores generally. *h* For each ammunition wagon carrying a spare No. 18 pole.
i For ammunition and store wagon carrying spare wheel B, No. 28. *j* Mark I to be used up with Mark I guns.
k For Mark III and III* equipments. *l* For Mark I* to IV equipments inclusive.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.						Peace Equipment.					
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 25.												
Boards, inventory	....	....	....	....	1	....	....	....	1	1	1	
Irons, branding, ⅝-in., letters, figures, 0 to 8 sets	....	....	....	....	....	....	....	....	....	1	1	
Irons, branding, ⅝-in., letters, alphabet *b* ,,	....	....	....	....	....	....	....	....	....	1	1	
Irons, branding, ⅝-in., letters, 1 letter, A to F .... ,,	....	....	....	....	....	....	....	....	....	1	1	
Knives, opening tins	....	....	....	....	2*a*	....	....	....	....	....	....	
Stamps, copper, inlaid, ½-in., figures, 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2	
Stamps, copper, inlaid, ½-in., letters, 1 letter *b* ... ,,	....	....	....	....	....	....	....	....	....	2	2	
Stamps, copper, inlaid, ½-in., letters, 1 letter, A to F ,,	....	....	....	....	....	....	....	....	....	1	1	
Stamps, steel for, metal, ⅛-in., figures, 0 to 8 ,,	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel for, metal, ⅛-in., letters, 1 letter *b* .... ,,	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel for, metal, ⅛-in., letters, 1 letter, A to F ,,	....	....	....	....	....	....	....	....	....	1	1	
Stamps, steel for, wood, $\frac{3}{16}$-in., figures, 0 to 8 ,,	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel for, wood, $\frac{3}{16}$-in., letters, 1 letter *b* .... ,,	....	....	....	....	....	....	....	....	....	2	2	
Stamps, steel for, wood, $\frac{3}{16}$-in., letters, 1 letter, A to F ,,	....	....	....	....	....	....	....	....	....	1	1	

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metal, $\frac{3}{16}$-in. figures, 0 to 8 sets	....	....	....	....	....	....	....	....	....	2	2	
metal, $\frac{3}{16}$-in. letters, 1 letter *b* .... „	....	....	....	....	....	....	....	....	....	2	2	
metal, $\frac{3}{16}$-in. letters, 1 letter, A to F „	....	....	....	....	....	....	....	....	....	1	1	
Woolwich Section No. 26.												
Balances, spring, 80-lb.	....	....	...	....	1*a*	....	....	....	....	....	....	
Woolwich Section No. 28.												
Binoculars, ...	....	....	....	....	....	2	....	....	....	2	2	One for officer commanding, and one for range-taker.
Binoculars, cases	....	....	....	....	....	2	....	....	....	2	2	
Woolwich Section No. 29.												
Mekometers, Artillery, Horse and Field, with appurtenances, complete *c* sets	....	....	....	....	....	1	....	....	....	1	1	
Telescopes, Field Artillery	....	....	....	....	....	1	....	....	....	1	1	

a Supply wagon only. *b* R.F.A., as required in addition to the battery numeral or numerals.
c Every Service Battery will be supplied with a mekometer complete.
The equipment consists of—
2 mekometers (right and left) in 2 leather cases.
2 reels, each with one 50-yard cord, with S hooks.
4 telescopes.
5 yards of cord, spare.
} To be strictly maintained for service.

In time of peace, a battery ordered abroad will return its mekometer to store, and will demand a new equipment, except its destination be India, in which case it will receive its new equipment on arrival. The exchange of equipment will be optional in time of war, at the discretion of the officer commanding the battery. For further instructions, *see* the Mekometer Handbook Regulations for Magazines, and Care and Preservation of War Matériel.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*	War.						Peace Equipment.					Remarks to Peace Equipment only.
		Wagons.						Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge, R.A., and Limber.	Store, R.A., and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
DRILL AND INSTRUCTIONAL STORES.												
Woolwich Section No. 22.												
Boxes, section of fuzes, No. 4	....	....	....	....	....	....	....	....	....	1*a*	1*a*	
75 / 7 / 6830 — **Fuzes,** drill, time, and percussion, No. 56, Mark I *b*	....	....	....	....	....	....	....	....	....	72*ac*	72*ac*	
Fuzes, section, time and percussion, No. 56 — before firing	....	....	....	...	....	....	....	....	....	1	1	
Fuzes, section, time and percussion, No. 56 — after firing	....	....	....	....	....	....	....	....	....	1	1	
54 / Art. / 9275 — **Tubes,** friction, T, drill	....	1	....	....	....	....	...	1	....	6*d*	6*e*	
Tubes, friction, T, empty ..	...	....	....	....	....	....	....	....	....	72*af*	72*af*	

a Carried as convenient. *b* 6 steel washers spare per battery are allowed for use with time and percussion drill fuzes.
c Burnt-out fuzes will be used. *d* 3 carried as convenient. *e* 4 carried as convenient.
f For drill purposes—for use only with guns having single motion breech mechanisms

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Materials, Repairing Carriages, &c.

(E.Q. R. 6576)

TABLE 28.	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 4.				
Staples, round, crowned, small	6	2	Wagons, Ammunition, and Store and Artillery	Forge limber.
Woolwich Section No. 7.				
54 Art. 8406 **Wire**, copper, No. 18, W.G. .... ozs.	8	8	For frapping wire ropes	Store wagon.
Woolwich Section No. 9.				
Solder, tinman's .... bars	6	....	Tinwork	No. 2 drawer, smiths' tool chest.
Spelter, brass .... lb.	$\frac{1}{4}$	....	Brazing	
Steel, mild hoop *b*: $3\frac{3}{4}$-in. wide, No. 13, W.G. feet	....	1*b*	Per ammunition box, for fitting new sides or ends.	
2 ,, ,, ,, 14 ,, ,,	....	2*b*		
$1\frac{1}{2}$,, ,, ,, 14 ,, ,,	....	2*b*		
Woolwich Section No. 10.				
Chain, brass, solid link.... .... yds.	2	2	General repairs	Forge limber.
Nails: copper, rose head, strong, No. 451 lbs.	$1\frac{1}{2}$	$1\frac{1}{2}$	,, ,, ...	No. 3 drawer, wheelers' tool chest.
iron, clout, wrought, countersunk head, No. 104 .... ,,	1*c*	$\frac{1}{2}$*c*		
steel, brad, fine pointed, No. 26 ,,	1*d*	$\frac{1}{8}$*d*	Filling in pieces, wheel No. 36	
	$\frac{1}{2}$*c*	$\frac{1}{16}$*c*		
wire, grooved: 2-inch .... ,,	3	$\frac{1}{2}$	General repairs	
$1\frac{1}{2}$-inch .... ,,	3	$\frac{1}{2}$		
Screws, brass: 1-inch, gauge No. 12	6*d*	4*d*	Ammunition boxes ...	
$\frac{1}{2}$,, ,, ,, 9	6*d*	4*d*		

a Carried as convenient. *b* To be demanded only as required. For Mark IV equipment. *d* Except Mark IV equipment.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 28—*continued.*

	War. — Three Months' Supply.	Peace. — Twelve Months' Supply. *a*	For what purpose.	Where carried.
Woolwich Section No. 11—continued.				
Screws, iron — flat head — 3-inch, gauge No. 16	12*b*	6*b*	General repairs	No. 3 drawer, wheelers' tool chest.
2½ ,, ,, ,, 16	12*b*	6*b*		
2 ,, ,, ,, 10	24*c*	....		
2 ,, ,, ,, 14	24*c*	6*c*		
	12*b*	6*b*		
1½ ,, ,, ,, 13	12*c*	....		
	18*b*	....		
1¼ ,, ,, ,, 13	12*c*	....		
1 ,, ,, ,, 12	24*c*	8*c*		
	18*b*	....		
⅞ ,, ,, ,, 11	24*b*	....		
¾ ,, ,, ,, 10	24*b*	8		
¾ ,, ,, ,, 13	24*c*	4*c*		
¾ ,, ,, ,, 13 *b* ...	....	32*bb*	Per ammunition box, for fitting new ends and sides	
round head, 1¼ inch, gauge No. 13	12*c*	....		
Tacks, copper, No. 473 .... lbs	1	1	General repairs	
copper, No. 471 .... ,,	½*b*	¼*b*		
steel, cut, No. 192 .... ,,	½	⅛		
steel, cut, No. 197 .... ,,	1*b*	½*b*		
Woolwich Section No. 11.				
Borax, refined .... lb.	½	....	Brazing	No. 2 drawer, smiths' tool chest.

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Glue, best town made .... ,,	1	$\frac{3}{4}$	....	Forge limber.
Oil, linseed, boiled *cc* .... pints	....	4	Elevating gear, and working parts of carriage.	
Paint, prepared for use, black, lamp .... oz.	....	4	Lettering batteries ...	Forge limber.
Paint, prepared for use, lead, white .... ,,	....	4	Painting discs of aiming posts	Forge limber.
Paint, blue, ultramarine (dry) .... ,,	....	2	Painting discs of aiming posts	Forge limber.
Paint, red, Chinese (dry) .... ,,	....	2	Painting discs of aiming posts	Forge limber.
Resin, black .... lb.	$\frac{1}{2}$	....	Tinwork	No. 2 drawer, smiths' tool chest.
Sal ammoniac, in lumps .... ,,	$\frac{1}{2}$	....	Tinwork	No. 2 drawer, smiths' tool chest.
Turpentine, spirits of .... pints	....	$\frac{1}{4}$	Lettering batteries ..	Forge limber.
Woolwich Section No. 13.				
Bolts, with nuts, countersunk head, $\frac{1}{2}$-in. × $1\frac{7}{8}$-in.	1*c*	1	Platform boards	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × 1-in., heads, $\frac{1}{4}$-in. thick	1*d*	1	Elevating bearings	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × 1-in., heads, $\frac{3}{8}$,, ,,	1*d*	1	Elevating bearings	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × $3\frac{1}{4}$-in.	4*ef*	....	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × $1\frac{1}{8}$,, ...	4*b*	....	Plates box axletree	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × 1 ,, ...	4*b*	....	Plates box axletree	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × $1\frac{3}{16}$,, ...	2*c*	....	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, hexagon head, $\frac{1}{2}$-in. × $\frac{7}{8}$,, ...	2*c*	....	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 35A wheel, bevel head	1*c*	1	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 35A wheel, bevel head	6*b*	3*b*	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 35A wheel, plain ,,	1*c*	1	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 35A wheel, plain ,,	6*b*	3*b*	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 36 wheel	1	2	....	No. 3 drawer, wheelers' tool chest.
Bolts, with nuts, nave, 2nd Class, C, No. 42 wheel	1	....	....	No. 3 drawer, wheelers' tool chest.
Bolts, tire	6*b*	3*b*	....	No. 3 drawer, wheelers' tool chest.

a Carried as convenient.
b For Mark IV equipment.
c Except Mark IV equipment.
d Mark II* carriages.
e Mark I* carriages.
f Mark III or III* carriages.
bb To be demanded only as required.
cc 2 pints of this oil allowed for mobilization equipment in charge of the unit.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 28—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 13—continued.				
Forges, field — handles, lever *b*....	1	....	....	Forge limber (Mark II only).
Forges, field — screws — hexagon head, ¼ in. × ⅝-in. (set of 9) *b*	1	....	....	No. 3 drawer, wheelers' tool chest.
Hooks, draught, B.L., 15-pr. — near	1	1	....	Store wagon.
Hooks, draught, B.L., 15-pr. — off	1	1	....	Store wagon.
Iron, pieces — bolt — 1-ft. 7-in. × ½-in.	2†‡	2	General repairs	
Iron, pieces — bolt — 1 ,, 4 ,, × 7/16 ,, ...	2†‡	....	General repairs	
Iron, pieces — bolt — 2 ,, 8 ,, × ⅞-in. ...	1§	....	General repairs	
Iron, pieces — bolt — 2 ,, 8 ,, × ⅝ ,, ...	1§	....	General repairs	
Iron, pieces — bolt — 2 ,, 8 ,, × ½ ,, ...	1§	1	General repairs	
Iron, pieces — bolt — 2 ,, 8 ,, × ¼ ,, ...	1§	....	General repairs	
Iron, pieces — flat, 2-ft. 8-in. × 3-in. × 1-in.	1§	1	General repairs	
Iron, pieces — flat, 2-ft. 8-in. × 2-in. × ¾-in.	1§	....	General repairs	
Iron, pieces — flat, 2-ft. 8-in. × 2-in. × ½ ,,	1§	1	General repairs	
Iron, pieces — flat, 2-ft. 8-in. × 2-in. × ⅜ ,,	1§	....	General repairs	
Iron, pieces — flat, 2-ft. 8-in. × 2-in. × ¼ ,,	1†‡	1	General repairs	
Iron, pieces — tire, 12-in. × 2¼-in. × ½-in. ..	1*c*	1*c*	Ring tires	Store wagon.
Keys, pole pin, No. 17 and 18 pole	3	....	....	Forge limber.
Locks, box, — limbers and wagons, — No. 2 (Marks I and II, B.L., 15-pr.) *e*	1	1	....	Forge limber.
Locks, box, — limbers and wagons, — No. 4 (Mark IV, B.L., 15-pr. limbers, also wagons, rear)	1	1	....	Forge limber.
Locks, box, — limbers and wagons, — No. 5 (Mark IV., B.L., 15-pr. wagons, front)	1	1	....	Forge limber.
Locks, box, — ammunition, Marks II* and III, B.L., 15-pr. *f*	1	1	....	Forge limber.

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Loops, carrying, handspike	1‡†	....	....	Store wagon.
Packings, hydraulic buffer, B.L., 15-pr., consisting of—				
Rings, leather, U-section, 2 } in tin box				
Washers, filling, plug, leather 1 .... } in tin box				
,, gland leather 1 .... } sets‡	6	6	....	Forge limber.
Packing, cotton-plaited, ½-in. square, length of 28-in. .... } sets‡				
Rivets, steel, boss head, ½-in. × 1¾-in.	10*c*	6*c*	....	No. 3 drawer, wheelers' tool chest.
½-in. × 1¼-in.	10*c*	....	....	
½-in. × 1¼-in.	12*d*	6*d*	....	
7/16-in. × 1¾-in.	10*c*	6*c*	....	
7/16-in. × 1¾-in.	12*d*	6*d*	....	
7/16-in. × 1⅜-in.	10*c*	....	....	
7/16-in. × 1⅜-in.	24*d*	6*d*	....	
⅜-in. × 1¼-in.	10*c*	6*c*	....	
⅜-in. × 1¼-in.	12*d*	6*d*	....	
5/16-in. × 1¼-in.	6	....	....	
¼-in. × 1½-in.	....	4*c*	....	
conical head, ⅜-in. × 3-in.	10*c*	4*c*	Movable steels	
countersunk head, ¼-in. × 1½-in.	....	12*d*	Per ammunition box, for fitting sides or ends....	
countersunk head, ¼-in. × 2-in.	24*d*	4*d*	Per ammunition box, for fitting sides or ends....	
Screws, boss head, 5/16-in. × ½-in.	6*c*	24*c*	Guards, gear, elevating	Forge wagon.
Springs, B.L., 15-pr. volute, hydraulic buffer‡	6	2	....	Store wagon.
Springs, B.L., 15-pr. gland, hydraulic buffer, spiral‡	2	2	....	Store wagon.
Staples, lashing riveting, 5/16-in.	5*c*	2*c*	Securing side arms	Forge limber.
Staples, lashing riveting, 5/16-in.	6*d*	2*d*	....	Forge limber.
Staples, lashing with plate, single, 3/16-in.	2*c*	....	Ammunition boxes	Forge limber.
Staples, lashing with plate, single, 3/16-in.	6*d*	....	....	Forge limber.

† Mark I* carriages. ‡ Mark II* carriages. § Mark III or III* carriages.
a Carried as convenient. *b* Field forge Mark IV only. *c* Except Mark IV equipment. *d* For Mark IV equipment.
e Also for } Mark II* limbers and wagons where not fitted with catch and catch plate.
f Except }

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 28—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 13—continued.				
Steel, pieces, bolt, 2-ft. 8-in. × 1-in.	1*b*	....	General repair	
bolt, 2-ft. 8-in. × $\frac{7}{8}$-in.	1*b*	....		
bolt, 2-ft. 8-in. × $\frac{3}{4}$-in.	1*b*	....		
bolt, 2-ft. 8-in. × $\frac{5}{8}$-in.	1*b*	...		
bolt, 2-ft. 8-in. × $\frac{1}{2}$-in.	1*b*	....		
bolt, 2-ft. 8-in. × $\frac{1}{4}$-in.	1*b*	....		
flat, 2-ft. 8-in. × 3-in. × $\frac{1}{4}$-in.	1*b*	....		
flat, 2-ft. 8-in. × 2-in. × $\frac{3}{4}$-in.	1*b*	..		
flat, 2-ft. 8-in. × 2-in. × $\frac{1}{2}$-in.	1*b*	....		
flat, 2-ft. 8-in. × 2-in. × $\frac{1}{4}$-in.	1*b*	....		
plate, ·075-in. × 6-in. × 12-in.	1*b*	...		
tire, 12-in. × 3-in. × $\frac{1}{2}$-in., curved	2	....	Ring tires	
Steels, movable limber hook	3*c*	3*c*	....	
Steels, movable trail eye, or perch	3*c*	3*c*	....	
54-in. × 1-in.	1	....	Telescopic sight box	
44-in. × 1-in.	2	....	Camp kettle lids, picketing gear.	
44-in. × 1-in. loose loop	4*b*	...	Blankets	
36-in. × 1-in.	1*b*	....	Handspike	
32-in. × 1-in., B.P., C.B.	3*c*	....	Blankets	
30-in. × 1-in.	6*b*	....	Drag ropes, pole bar, swingletree, and lifting jack	
30-in. × 1-in., with loop	4*b*	....	Blankets	
26-in. × 1-in.	2*c*	....	Case, oil can, kit bags, and grease box	

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Straps, securing,	22-in. × 1-in.	3*c*	....	Swords and spades	Store wagon.
		2*b*	....	Spades, swords, handspike, and sponge	
	22-in. × 1-in., D.L.	2*c*	....	Handwheel	
	22-in. × ¾-in., B.P., C.B	2†‡	2	Blankets, axletree seats	
	18-in. × 1-in.	2*c*	....	Pickaxe and tampeon	
		2*b*	....	Tampeon and traversing handspike ...	
	13-in. × 1-in.	2*b*	....	Felling axe, claw hammer, pickaxe, pincers and drag washer	
	13-in. × 1-in. (with piece)	2†§	....	Handspike on trail ...	
	10-in. × 1-in.	2	....	Camp kettle handles, water brush, and billhook	
	24-in. × ¾-in., B.P.C.B.	4*b*	....	Blankets	
	13-in. × ¾-in.	1	....	Telescopic sight box and spades	
	10-in. × ¾-in.	1	....	Aiming posts and wire cutter	
	9-in. × ¾-in.	2	....	Telescopic sight box and spades	
Turnbuckles, box, under, wagon		2	....	....	Forge limber.
	Woolwich Section No. 14.				
Keys, split, round loop	⅜-in. × 3¼-in.	4†‡	2		
	⅜-in. × 4-in.	12§†	....		
	⅜-in. × 2¼-in.	4*b*	....		
	⅜-in. × 1⅝-in.	4†‡	2		
	3/16-in. × 2¾-in.	12§	6		
	3/16-in. × 2¼-in.	12†‡*b*	6*c*		
	3/16-in. × 1¾-in.	12	6		
	3/16-in. × 1-in.	12†‡	6		

† Mark I* carriages.
a Carried as convenient.
c Except Mark IV equipment.
‡ Mark II* carriages.
b For Mark IV equipment.
§ Mark III or III* carriages.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 28—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 14—continued.				
Keys, split, round loop — ¼-in. × 3½-in.	12§†	....	....	No. 3 drawer, wheelers' tool chest.
¼-in. × 3¼-in.	12*c*	....		
¼-in. × 2½-in.	12	6		
¼-in. × 2-in.	6§†	....		
¼-in. × 1½-in.	12§†	6		
⅛-in. × 1½-in.	6§	....		
⅛-in. × 1¼-in.	12*c*§	....		
⅛-in. × 1-in.	6§†	....		
·15-in. × 1¾-in.	12†§	....		
·15-in. × 1¼-in.	12*c*	6*c*		
·1-in. × 1¼-in.	12*c*	6*c*		
Nuts, hexagon, ½-in.	10*b*	2*b*	Foot rests	
Woolwich Section No. 19.				
Blocks, wood, securing projectiles — Marks I to II* — limber — near (set of 6) .... sets	1	½*d*	....	Store wagon.
limber — off (set of 6) .... ,,	1	½*d*		
wagon — near — long (set of 7) ,,	1	½*d*		
wagon — near — short (,, 3) ,,	1	½*d*		
wagon — off — long (,, 7) ,,	1	½*d*		
wagon — off — short (,, 3) ,,	1	½*d*		
Mark III — limber — near — long (,, 8) ,,	1	½		
limber — near — short (,, 2) ,,	1	½		
limber — off — long (,, 8) ,,	1	½		
limber — off — short (,, 2) ,,	1	½		
wagon — near — long (,, 12) ,,	1	½		
wagon — near — short (,, 4) ,,	1	½		
wagon — off — long (,, 12) ,,	1	½		
wagon — off — short (,, 4) ,,	1	½		

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Boxes, ammunition *f*	limber	end	....	As required	Repair of ammunition boxes.	
		sides	....			
	wagon	ends	....			
		sides	....			
Felloes,	No. 35 or 35A wheels	ordinary *e*	2	1	....	Store wagon.
		slip *e*	2	1		
	,, 36 ,,	ordinary *e*	2	1		
		slip *e*	2	1		
	,, 42 ,,	ordinary *e*	2	1		
		slip *e*	2	1		
Spokes,	No. 35 or 35A wheels	back *e*	2	1		
		front *e*	2	1		
	,, 36 ,, *e*		4	1		
	,, 42 ,,	back *e*	2	1		
		front *e*	2	1		

† Mark 1* carriages.
§ Mark III and III* carriages.
a Carried as convenient.
b Except Mark IV equipment.
c For Mark IV equipment.
d When ½ sets are demanded, the number of "*Long*" and "*Short*" required should be stated.
e According to the wheels in the battery.
f To be demanded only as required.

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Stores for use with Sick Horses.

(*Referred to in Part I, Equipment Regulations.*)

TABLE 29.	War. Per Battery.	Peace. Per 100 horses. 3 months' supply.
Woolwich Section No. 5.		
Sponges, 7-drachms	4	4 *a*
Woolwich Section No. 7.		
Pins, mixed .... oz.	½	¼
Woolwich Section No. 11.		
Corks, assorted	9	6
Woolwich Section No. 18.		
Tow, coarse .... lbs.	6	2
Tow, fine .... ,,	1½	1
Twine, packing, small .... oz.	2	1
Woolwich Section No. 27.		
Bandages, horse	9	6
Linen, unbleached (for bandages) .... yds.	4½	3
Sacking, oat, 27-in. (for poultices).... ,,	6	4
Tape, linen, ¾-inch white .... pieces	1	1*a*
Woolwich Section No. 31.		
Flannel, old (for fomentations) .... lbs.	12	6
Numnahs, old (for foot swabs)	12	6
Miscellaneous.		
Paper, *b* brown, common (for packing) sheets	11	7½
Paper, *b* white, fine (for balls) .... ,,	2	2

Chests, veterinary, field, U.P., together with the stores for use with sick horses will, on mobilization, be supplied by Army Veterinary Department.

a To be drawn at these rates every six months only.

b Stationery Office supply.

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Army Books and Forms for Equipment.

TABLE 30.

Army No.	Subject.	Description.
Books.		
158*	Transport	Convoy note.
183*	Regimental equipment	Account ledger.
281*	,, repairs	Daily work book.
Forms.		
B 274	Practice, annual	Report.
B 275	,, ,, battery	,,
B 276	Range	,,
G 804	Ammunition, blank	Requisition for.
G 806	,, gun practice and for dismissal of recruits	,, (annual).
G 808	Failures of gun ammunition ...	Report.
G 815	Ammunition, small arm	Requisition.
G 957	Accoutrements, materials for repairs	,,
G 976 *a*	Carriages, materials for repair ...	,,
G 980 *a*	Stores	Carriers' note.
G 994 *a*	Equipment, &c.	General requisition (active service only).
G 997 *a*	,, general	Requisition.
G 1027 *a*	Materials for repair	General requisition.
G 1033 *a*	Issue and receipt voucher.	
G 1037 *a*	Harness and saddlery (materials for repair)	Requisition.
G 1049	Expenditure, transfer, and conversion voucher.	
P 1925	Expense voucher, "G. S."	

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Those marked (*a*) are all that are considered necessary for War, and are carried in the stationery box in Store Wagon, R.A.

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DETAIL OF CARRIAGES, WAGONS, &c.

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CARRIAGES, FIELD, B.L., 15-PR.

	Marks.			
	I.*	II.*	III and III*	IV.
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 37 .. .. steel	1	..	..	..
Axletrees, 2nd class C, „ 89A .. .. „	..	..	1	1
Axletrees, 2nd class C, „ 95 .. .. „	..	1	..	..
Bands, bucket hook with bolt, set screw, and advance ring, left „	..	1	1	1
Bands, bucket hook with bolt, set screw, and advance ring, right „	..	1	1	1
Bands, securing actuating screw bracket „	..	..	1*b*	..
Bearings, brake shaft, left, ... M.B.	1	1	1	..
Bearings, brake shaft, right .. .. „	1	1	1	..
Bearings, guide left .. .. .. steel	..	1	..	..
Bearings, guide right .. .. .. „	..	1	..	..
Bearings, pawl spindle left, M.B., with bolts	..	..	..	1
Bearings, pawl spindle right, M.B., with bolts	..	..	..	1
Bearings, trunnion .. .. steel	..	1	..	..
Bolts, capsquare .. .. „	..	4	..	..
Bolts, plate, clip, axletree with split key iron	8	..	..	..
Bolts, tensile stay, with nuts and split keys steel	1	1	..	..
Bolts, transom guides „ „ „	..	4	..	..
Box, T tubes, carriage, B.L., 15-pr. and 12-pr. „	1	1	1	..
Boxes, axletree, left, steel, with guard iron standard, spiral spring, and securing nuts, with split keys..	1	1	1	1
Boxes, axletree, right, steel, with guard iron standard, spiral spring, and securing nuts, with split keys..	1	1	1	1
Brackets, actuating screw, brake gear, front, M.B., with bolts and screws	..	1	1	..
Brackets, actuating screw, brake gear, rear .. M.B., with bolts	..	1	1	..
Brackets, actuating screw, brake gear, rear .. G.M., with bolts and screws	..	..	1*b*	1
Brackets, aiming posts front .. .. .. steel	..	..	1	..
Brackets, aiming posts rear .. .. .. „	..	..	1	..
Brackets, axletree .. .. „	..	2	..	..
Brackets, bearing rocking shaft, brake gear, left, gun metal, with bolts	1	1	1	..
Brackets, bearing rocking shaft, brake gear, right, gun metal, with bolts	1	..	1	..
Brackets, boss, plate locking, left .. .. steel	1	..	..	..
Brackets, boss, plate locking, right .. .. „	1	..	..	..
Brackets, brake arm left .. .. „	..	..	..	1
Brackets, brake arm right .. .. .. „	..	..	..	1
Brackets, hinge, front spring case, M.B., with bolts and split key	1	1	1	1
Brackets, pad, supporting, left .. .. .. steel	..	1	..	..
Brackets, pad, supporting, right .. .. „	..	1	..	..
Brackets, pawl, spring, spade attachment .. .. „	1	1	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, left .. „	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, right .. „	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer, left .. „	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer, right .. „	..	..	1*a*	1

a Mark III carriage.
b Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

		Marks.			
		I.*	II.*	III and III*.	IV.
	Component Parts—*continued.*				
Brackets,	securing, seat, with pin and split key, inner, with screw, left steel	1	..	..	..
	securing, seat, with pin and split key, inner, with screw, right ,,	1	..	..	..
	securing, seat, with pin and split key, outer, left ,,	1	..	..	..
	securing, seat, with pin and split key, outer, right ,,	1	..	..	..
	securing, rear .. .. .. ,,	..	..	2*a*	2
	sliding, rear .. .. ,,	..	1	..	..
	spindle, pinion, brake gear.. metal, with bolts	..	..	1*b*	..
	stop, lever releasing spade .. .. M.B.	..	..	..	1
	stay, supporting brake arm, left	..	..	1*b*	..
	stay, supporting brake arm, right	..	..	1*b*	..
	supporting catch, brake gear	1	1	..	..
	trunnion, left .. .. steel	1	..	1*a*	..
	trunnion, right .. .. ,,	1	..	1*a*	..
Buffers,	hydraulic, complete	..	1	..	..
	parts of—				
	Crosshead, piston rod, with taper pin steel	..	1	..	..
	Cylinder .. .. ,,	..	1	..	..
	Glands, front, inner .. .. metal	..	1	..	..
	Glands, front, outer .. .. ,,	..	1	..	..
	Glands, rear .. .. ,,	..	1	..	..
	Packing cotton, plaited, half-inch square section, length of 28 inches .. lengths	..	1	..	..
	Pins, taper, crosshead .. .. .. steel	..	1	..	..
	Plates, parting volute springs, steel, with bush	..	1	..	..
	Plug, filling, hole, No. 1	..	1	..	..
	Rings, cotton packing .. .. metal	..	1	..	..
	Rings, leather ,, ... ,,	..	1	..	..
	Rings, packing (leather), U-section ..	..	1	..	..
	Rods, piston, with nut .. .. .. steel	..	1	..	..
	Screw, securing, with split key .. ,,	..	2	..	..
	Springs, spiral .. .. .. P.B.	..	1	..	..
	Springs, volute .. .. .. steel	..	2	..	..
	Studs, spring .. .. ,,	..	1	..	..
	Washers, packing, gland .. leather	..	1	..	..
	Washers, packing, filling plug ,,	..	1	..	..
Capsquares .. .. steel		..	2	2*c*	2*c*
Carriage body without fittings		2*c*	1	1	1
Clip, securing, handspike, steel spring, with bolts		1	..	1	1
Clip, securing, rammer ,, ,, ,, ,,			..		1
Collars, tube, trail end .. .. .. iron		..	1	1*b*	..
Collars, axletree .. .. steel		..	2	..	..
Collars, dividing buffer guides		..	2	..	..
		..			

a Mark III carriage. *b* Mark III* carriage.
c 1 left and 1 right.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III*.	IV.
COMPONENT PARTS—*continued.*				
Eyes, trail, No. 15	1	..	..	..
Eyes, trail, „ 16	..	1	..	..
Eyes, trail, „ 20	..	..	1	..
Eyes, trail, „ 28	..	..	..	1
Flanges, axletree, left steel	..	..	1*a*	1
Flanges, axletree, right „	..	..	1*a*	1
Guides, left „	..	1	..	..
Guides, right „	..	1	..	..
Handles, lifting	2	2	2	2
Handspike, traversing, No. 2, Mark II steel	..	..	1*a*	..
Handspike, traversing, No. 2, „ III „	..	..	..	1
Keys, capsquare, No. 15, steel, with chain	2	..	..	..
Keys, capsquare, „ 16, „ „ „	..	..	1	..
Keys, capsquare, „ 17, „ „ „	..	..	1	..
Keys, capsquare, „ 22, „ „ „	..	..	..	2
Lids, trail box	..	..	1*a*	1
Loops, carrying handspike iron	1	1	..	..
Pads, stop, breech, complete, with 1 india-rubber, and 2 leather strips, with steel plate, studs and split keys	1	..	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys left	..	1	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys right	..	1	..	..
Pins, bracket, sliding, rear steel	..	1	..	..
Pins, joint capsquare, with collar and split key steel	2	..	..	..
Pins, joint capsquare, with split key „	..	..	2	2
Pins, keep, pin, bracket, sliding rear „	..	1	..	..
Pins, linch, 2nd class „	2	2	2	2
Pins, securing, tensile stay, with split key „	2	..	..	..
Plates, angle, packing, elevating gear bearings, left „	1	..	..	..
Plates, angle, packing, elevating gear bearings, right „	1	..	..	..
Plates, clip, axletree „	2	..	..	..
Plates, joint, handspike „	..	..	1*a*	..
Plates, locking left „	1	..	1	..
Plates, locking right „	1	..	1	..
Plates, loop, handspike „	1	1	..	..
Plates, securing rear, spring case „	..	..	1*a*	..
Plates, tensile stay „	..	..	1*a*	..
Rings, packing, axletree arm plastic metal	2	2	2	2
Sockets, guard-iron, standard iron	1	1	..	..
Sockets, handspike, steel	2	1	..	..
Sockets, handspike, „ with pawl spring and bolts	..	..	1	1
Sockets, setting time fuze metal	1	1	1	1

a Mark III carriages. *b* Mark III* carriages.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III*.	IV.
COMPONENT PARTS—*continued.*				
Soles, trail .. .. steel	1	1	1	1
Spanners, hyd. buffer, No. 59	..	1	..	..
Staples, bolt, tensile stay .. .. steel	1	..	..	..
Staples, double, securing handspike .. iron	1	..	..	..
Staples, lashing, aiming posts .. ,,	1	1	2	1
Staples, lashing, riveting, $\frac{5}{16}$ in. .. ,,	..	9	11	11
Staples, McMahon spanner .. .. steel	..	..	1*a*	1
Staples, pincers .. .. ,,	..	1	1*a*	1
Staples, securing handspike .. .. ,,	..	1	..	..
Stays, tensile, left .. .. .. ,,	1	1	..	..
Stays, tensile, right .. .. .. ,,	1	1	..	..
Stays, tubular guide .. .. .. ,,	..	1	..	..
Steps, sliding .. .. ,,	2	2	2	2
Stops, McMahon spanner .. .. .. ,,	1	..	1*a*	1
Stops, pincers and hammer .. .. ,,	..	..	2*a*	2
Stops, rammer .. .. ,,	..	..	..	1
Transom guide	..	1	..	..
Washers, drag, 2nd Class, C.. .. .. steel	2	2	2	2
Wheels, 2nd class C, No. 35A	2	2	2	2
Spade attachment:—				
Blade, spade; steel, with G.M. socket, set screw, and split key	1	1	1	1
Cases, recoil spring, front, inner; steel, with metal rings (guide and stop)	1	1	1	1
Cases, recoil spring, front, outer: steel, with band hook	1	1	1	1
Cases, recoil spring, rear, steel, with M.B. bracket and fixing bolts	1	1	1	..
Discs, dividing springs; .. .. .. G.M.	1	1	1	1
Discs, end of spring, lower; .. .. ,,	1	1	1	1
Discs, end of spring, upper; .. .. steel	1	1	1	1
Lever, releasing spade; .. steel, with split key	1	1	1*b*	..
Pawl, supporting spade; .. ,, ,, ,,	1	1	1*b*	1
Pins, hinge, spring case; .. .. steel	1	1	1	1
Pins, locking releasing lever; steel spring, split, with brass chain and S hooks	1	1	1	1
Plug, hinge, front spring case; M.B., with set screw and split key	1	1	1	..
Rod, rear spring; steel, in two parts, with split key	1	1	1	1
Ropes, wire; steel, with thimbles	2	2	2	2
Shackles, wire rope; steel, with bolt, nut, and split key .. .. .. large	1	1	1	1
Shackles, wire rope; steel, with bolt, nut, and split key .. .. .. small	2	2	2	2
Spindle, pawl, supporting spade; steel	1	1	1*b*	1

a Mark III carriage. *b* According to Mark of carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III*.	IV.
Component Parts—*continued.*				
Spade attachment—*continued.*				
Springs, pawl, supporting spade, steel, flat, in two parts	1	1	1*a*	..
Springs, pawl, supporting spade, „ flat ..	..	..	..	1
Springs, spiral, recoil, front; .. .. steel	2	2	2	2
Springs, spiral, recoil, rear; .. .. „	2	2	2	2
Gear, brake :—				
Arms, brake, left; steel, with bolt, nut, and split key ..	1	1	1	..
Arms, brake, right; steel, with bolt, nut, and split key ..	1	1	1	..
Arms, brake, left; steel, with shoe, with split key ..	..	..	..	1
Arms, brake, right; steel, with shoe, with split key ..	..	..	..	1
Blocks, brake, field and transport, Mark II ..	2	2	2	2
Bolts, connecting, brake arms .. .. steel,	..	..	..	2
Bolts, connecting, brake arms .. .. with nut	..	..	1*c*	1
Bolts, connecting, links, ... with feather, and split	..	..	1*c*	1
Bolts, connecting, links, ... with feather, and split key,	..	..	..	2
Bolts, connecting, supporting stays ..	..	..	..	2
Catch, supporting brake blocks; .. .. steel	1	1	1*a*	..
Couplings, connecting rods; steel, with pin and split key	2	2	2*a*	..
Crosshead, connecting rods; steel, with nuts and split keys	..	1	1*b*	..
Handles, actuating screw, front; .. steel	1	1	1*b*	..
Handles, actuating screw, rear; .. „	1	1	1*b*	..
Handles, „ „ .. .. „	..	..	1*c*	1
Levers, rocking, centre, steel, with nut and split keys ..	..	1	1*b*	..
Levers, rocking, centre, steel, with split key	1	..	..	..
Levers, rocking, side; steel, forked, with split key	1	1	1*b*	..
Levers, rocking, steel, with crosshead and actuating nut	..	..	..	1
Levers, supporting brake blocks, steel, with bolt and split key	..	1	1*a*	..
Levers, supporting brake blocks, steel; with screw and split key	1	..	..	..
Links, connecting, lower .. .. .. steel	..	..	1*c*	..
Links, connecting, upper .. .. .. „	..	..	1*c*	..
Nut, actuating screw.. .. .. .. M.B.	1	1	1*b*	1
Pinion, bevel, steel, 12 teeth, with spindle, nut, and split key	..	..	1*c*	..
Pins, axis, rocking lever .. .. .. steel	..	..	..	1
Pins, lever, connecting rods; steel, with nut and split key	1	..	..	..
Pins, supporting catch; steel, with split key ..	1	1	1*b*	..

a According to Mark of carriage. *b* Mark III carriage.
c Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, brake—*continued.*				
Rods, actuating, left; steel, with nut and split key	..	..	..	1
Rods, actuating, right; steel, with removable fork, nuts, and split key	..	..	..	1
Rods, connecting, brake shaft; .. .. steel	2	2	2*a*	..
Screw, actuating; steel, with nuts and split keys	1	1	1*b*	..
Screw, actuating; ,, ...	..	..	1*c*	..
Shafts, brake; steel, with collar and bolt, and two screws, with split keys	1	1	1*a*	..
Shafts, rocking, steel	1	..	1	..
Shafts, rocking, ,, with collar and split key	..	1	..	..
Shoes, brake block, left, with joint pin and split key, and locking pin, with chains ..	1	1	1	..
Shoes, brake block, right, with joint pin and split key, and locking pin, with chains ..	1	1	1	..
Spindles, brake shoe; .. steel, with split key	2	2	2	..
Springs, disc, No. 6 .. .. .. steel	..	..	..	10
Springs, spiral, brake block; .. .. ,,	2	2	2	..
Stays, supporting brake shaft, left; steel, with loop collar and bracket loop	1	1	1	..
Stays, supporting brake shaft, right; steel, with loop collar and bracket loop	1	1	1	..
Stays, supporting brake arms; steel, with nut and split key	..	..	..	2
Stops, brake blocks, left .. steel, with split key	1	1	1	..
Stops, brake blocks, right ,, ,, ,,	1	1	1	..
Wheel, bevel .. .. .. M.B., 32-teeth	..	..	1*b*	1
Gear, elevating:—				
Bearings, oscillating bracket, left; M.B., with bolts and guard, with split key	..	..	1	1
Bearings, oscillating bracket, left; .. M.B., with bolts	1	1	..	..
Bearings, oscillating bracket, right; .. ,, ,,	1	1	1	1
Bracket, oscillating, steel, with nut	1	1	..	..
Bracket, oscillating, ,, ,, driving bush, guard and removable trunnion, with split key	..	..	..	1
Bracket, oscillating, steel, with nut, removable trunnion, and split key	..	..	1	..
Cap, protecting elevating screw; steel, with split key	..	..	..	1
Guards, bevel pinion; steel, with fixing screws	1	1	1	..
Pinion, bevel, 19-teeth; M.B., with split key	..	..	..	1
Pinion, bevel, 20 ,, ; M.B., with split key	1	1	1	..
Screws, elevating, No. 5, steel, in two parts (inner and outer), with cap and split key	1	..	..	..
Screws, elevating, ,, 6, steel, in two parts (inner and outer), with cap and split key	..	1	..	..

a According to Mark of carriage.
b Mark III* carriage. *c* Mark III carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, elevating—*continued.*				
Screws, elevating, No. 11, steel, in two parts (inner and outer), with stop	..	..	1	..
Screws, elevating, „ 13, steel, in two parts (inner and outer), with stop and securing screw	..	..	..	1
Spindles, handwheel, steel, with nut and split key, keep screw, and washer..	..	..	1	..
Spindles, handwheel, steel, with collar, nut, and split keys.. ..	..	..	..	1
Spindles, pinion, steel	..	..	1	1
Spindles, pinion, „ also for handwheel, with nut and split key	1	1	..	..
Wheels, bevel, 36-teeth; M.B., with steel feathers	1	1	1	..
Wheels, bevel, 52 „ „ „ two split keys	..	..	..	1
Wheels, bevel, 16 „ „ „ split keys ..	..	..	..	2
Wheels, hand; .. .. G.M.	1	1	1*a*	1
Wheels, mitre; M.B., 16-teeth, with split key ..	..	..	2	..
LEATHERWORK.				
Cap, spring case	1	1	1	1
Cases, can, lubricating, No. 9, B	1	..	..	..
Cases, can, lubricating, „ 9, C	..	1	..	..
Leathers, hand	2	2	2	2
Leathers, guard iron, arm	2	2	2	2
Leathers, guard iron, back	2	2	2	2
Leathers, guard iron, hip	2	2	2	2
Loops, drift and vent rimer	1	1	..	..
Pad, brake gear	1	1	1*b*	..
Pockets, breech brush	1	1	1	1
Pockets, fuze key (carriage)	1	1	1	1
Pockets, lanyard..	1	1	1	1
Pockets, wire cutter	1	1	1	1
Straps, securing 10 in. × ¾ in. (posts, aiming) ..	1	1	1	1
Straps, securing 22 „ × ¾ „ B.P., C.B. (blankets)..	4	4	..	..
Straps, securing 24 „ × ¾ „ „ „ „ ..	..	..	4	4
Straps, securing 26 „ × ¾ „ (cleaners)	..	..	2	2
Straps, securing 30 „ × ¾ „ double (cleaners) ..	2	2	..	..
Straps, securing 13 „ × 1 „ (hammer, claw) ..	1	1	1	1
Straps, securing 13 „ × 1 „ (pincers)	1	1	1	1
Straps, securing 13 „ × 1 „ spanner, hydraulic buffer, No. 59 ..	..	1	..	..
Straps, securing 13 „ × 1 „ spanner, McMahon	1	..	1	1
Straps, securing 13 „ × 1 „ with piece (hand-spike traversing)..	1	1	..	..
Straps, securing 18 „ × 1 „ (tampeon)	1	1	1	1
Straps, securing 22 „ × 1 „ D.L. (wheel, hand)..	1	1	1	1
Straps, securing 22 „ × 1 „ (spanner, McMahon)	..	1	..	..
Ties, linch pin	2	2	2	2

a According to Mark of carriage. *b* Mark III carriage.

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WAGONS, AMMUNITION, B.L., 15-PR., MARKS I, II, AND II*.

Description.	No.
COMPONENT PARTS.	
Axletrees, 2nd class, C, No. 38 .. .. steel	1
Bands, box, under { front .. .. iron	2
rear .. .. ,,	2
Boards, { foot	1
platform	1
Bearings, axletree, { bottom .. .. steel	1
top { near .. .. ,,	1
off .. .. ,,	1
Bolts, { countersunk { bevelled, $\frac{1}{2}''$ × { $3\frac{1}{4}''$ with nuts .. iron	2
$2\frac{1}{4}''$,, .. ,,	2
flat, $\frac{1}{2}'' \times 1\frac{7}{8}''$ .. ,, .. ,,	10
head, hexagon head, $\frac{1}{2}''$ + { $4''$ .. .. ,, .. ,,	2
$\frac{7}{8}''$ { Mark I ,, .. ,,	8
,, II ,, .. ,,	12
Boxes, { grease, 14 lbs. .. .. tin	2
under .. .. wood	2
Brackets, { supporting shelves, { inside { near .. .. steel	1
off .. .. ,,	1
fuzing shells, { outside { near .. .. ,,	1
off .. .. ,,	1
Collars, tube, { perch eye .. .. ,,	6
plate, locking .. .. steel	1
Eyes, perch, No. 7 .. .. iron	1
Flanges, side, axletree, { near .. .. steel	1
off .. .. ,,	1
Hasps, box, under	2
Hooks, drag, { shoe, rear .. .. iron	1
chain, side.. .. .. ,,	1
Perches, ... steel	1
Pins, linch, 2nd class.. .. .. ,,	2
Plates, { bracket, staple, drag shoe .. .. .. ,,	1
camp kettle, with hooks .. .. ,,	2
connecting, rear .. .. ,,	1
locking .. .. ,,	2
staple, drag shoe .. .. ,,	1
supporting, footboard { near .. .. ,,	1
off .. .. ,,	1
Rivets, boss head, $\frac{1}{2}'' \times 3\frac{1}{2}''$	6
Shelves, setting fuzes .. .. work	1
Sides { Mark I wagon, { near .. .. steel	1
off .. .. ,,	1
,, II wagon, { near .. .. ,,	1
off .. .. ,,	1
Spanner, No. 93	1

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Wagons, Ammunition, B.L., 15-pr., Marks I, II, and II* —*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Staples, lashing, riveting, $\frac{5}{16}''$ .. .. iron	3
Staples, lashing, common, $\frac{1}{4}''$ .. .. ,,	2
Staples, lashing, handspike, front .. .. .. ,,	1
Staples, lashing, with plate, single .. .. .. ,,	4
Staples, lashing, with plate, double .. .. .. ,,	2
Staples, lashing, with plate, handspike, rear .. .. ,,	1
Stays, angle, near .. .. steel	1
Stays, angle, off .. .. ,,	1
Stays, channel, centre .. .. ,,	1
Stays, channel, near .. .. ,,	1
Stays, channel, off .. .. ,,	1
Stays, perch .. .. ,,	2*a*
Steels, movable perch eye	1
Turnbuckles, box, under	2
Washers, drag, 2nd class, C .. .. steel	2
Boxes, ammunition	1
Boxes, parts of—	
Boxes, Bands, lid .. .. steel	2
Boxes, Bands, guard iron .. .. ,,	2*a*
Boxes, Blocks, securing projectiles, set of 7 .. .. wood sets	2
Boxes, Blocks, securing projectiles, ,, ,, 3, near .. .. ,, ,,	1
Boxes, Blocks, securing projectiles, ,, ,, 3, off .. .. ,, ,,	1
Boxes, Covers, unpainted .. .. canvas	2
Boxes, Hasps	2
Boxes, Hinges	6
Boxes, Holdall with straps	2*a*
Boxes, Irons, guard, No. 11, near	1
Boxes, Irons, guard, ,, 12, off	1
Boxes, Keys, guard iron, with chain and loop .. iron	4
Boxes, Locks, with key	2
Boxes, Plates, angles 4″ × 2½″ × 1″ .. .. .. iron	4
Boxes, Plates, corner, front, near	1
Boxes, Plates, corner, front, off	1
Boxes, Plates, corner, rear, near	1
Boxes, Plates, corner, rear, off	1
Boxes, Plates, escutcheon .. .. iron	2
Boxes, Plates, strengthening ends, left .. .. ,,	2
Boxes, Plates, strengthening ends, right .. ,,	2
Boxes, Plates, striking lock .. .. ,,	2
Boxes, Sockets, fixing time and percussion fuze .. metal	1
Boxes, Stays, lid	2*a*
Boxes, Staples, lashing, with plate, single, $\frac{1}{4}''$ .. .. .. iron	13
Boxes, Staples, lashing, with plate, $\frac{3}{16}''$ .. .. ,,	2
Boxes, Staples, lashing, with plate, treble, $\frac{1}{4}''$ .. .. .. ,,	2
Boxes, Staples, lashing, with plate, hand leathers .. .. ,,	3

a Near and off.

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Wagons, Ammunition, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition —*contd.* parts of—*contd.* Strips, supporting projectile blocks, long, inner aluminium	2
outer „	2
short .. „	4
Trays, projectile, large .. .. wood	2
small .. .. „	2
Turnscrew, shell plug	1
Turnbuckles	2
Boxes, fuze, No. 18	4
Wheels, 2nd class, C, No. 35A	2*a*
LEATHERWORK.	
Holdalls, spare parts of gun	1
needles and silk twist	1
Leathers, hand	3
saw	1
spanner	1
thong for box under	2
No. 11 guard iron	1
„ 12 „	1
Pockets, key, fuze, universal	2
lock	1
Ties, linch pin..	2
Straps, securing, 10 in. × 1 in. (handle, camp kettles) ..	2
13 „ × 1 „ (spanner, No. 93)	1
22 „ × 1 „ (handspikes)	1
(sponge)	2
(swords)	2
26 „ × 1 „ (kit bags, R.A.)	4
30 „ × 1 „ (lifting jack and traversing handspike)	2
36 „ × 1 „ (handspikes)	1
44 „ × 1 „ (camp kettles, lid)	2
B.P., C.B. (blankets) ..	4
(portable magazines) ..	2

a In some cases, No. 42 and 36 wheels have been issued.

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LIMBERS, FIELD, B.L., 15-PR., MARKS I, II, AND II*.

Description.		No.
COMPONENT PARTS.		
Axletrees, 2nd class, C, No. 38	steel	1
Bars, supporting draught pole, No. 2		1
Boards, foot		1
Boards, platform		1
Bolts, countersunk head, bevelled, $\frac{1}{2}''$ × 4″, with nuts	iron	4
Bolts, countersunk head, bevelled, $\frac{1}{2}''$ × $2\frac{1}{2}''$	,,	4
Bolts, countersunk head, flat, $\frac{1}{2}''$ × $1\frac{7}{8}''$	,,	8
Bolts, hexagon head, $\frac{1}{2}''$ × $1\frac{3}{16}''$	,,	4
Bolts, hexagon head, $\frac{1}{2}''$ × $\frac{7}{8}''$ Mark I limber	,,	4
Bolts, hexagon head, $\frac{1}{2}''$ × $\frac{7}{8}''$,, II ,,	,,	8
Bolts, hexagon head, $\frac{1}{2}''$ × 1″	,,	4
Boxes, telescopic, sight	steel	1*a*
Boxes, grease, half-round, 3-lbs.	tin	1
Brackets, futchel, near	steel	1
Brackets, futchel, off	,,	1
Brackets, pole	,,	1
Brackets, supporting shelves, setting fuzes, inside, near	,,	1
Brackets, supporting shelves, setting fuzes, inside, off	,,	1
Brackets, supporting shelves, setting fuzes, outside, near	,,	1
Brackets, supporting shelves, setting fuzes, outside, off	,,	1
Cans, lubricating, No. 3		1
Flanges, axletree, inside	steel	2
Flanges, axletree, outside, Mark I limber	,,	2
Flanges, axletree, outside, ,, II ,,	,,	2
Futchels, inside, near	,,	1
Futchels, inside, off	,,	1
Futchels, outside, near	,,	1
Futchels, outside, off	,,	1
Hooks, limber, No. 3	iron	1
Hooks, bucket	steel	1
Hooks, magazine (set of 4, set)	,,	1
Hooks, draught, near	,,	1
Hooks, draught, off	,,	1
Keys, pole pin; No. 17 pole	iron	1
Keys, limber hook, No. 2, with chain	steel	1
Loops, kicking strap, inner	steel, with bolts	1
Loops, kicking strap, outer	,,	1
Pins, pole, No. 17 pole	iron	1
Pins, linch, 2nd class	steel	2
Plates, angle, connecting, near	,,	1
Plates, angle, connecting, off	,,	1
Plates, camp kettle, with hooks	,,	1
Plates, carrying, lubricating can and grease box	,,	1
Plates, connecting, front	,,	1
Plates, connecting, rear	,,	1

a For carriage limbers only except the ammunition wagon limber of "A" subdivision, which carries spare sight.

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Plates, nib pole .. .. steel	1
Shelves, setting fuzes, near .. .. wood	1
Shelves, setting fuzes, off .. .. ,,	1
Staples, lashing, $\frac{5}{16}''$ .. .. iron	2
Staples, lashing, $\frac{1}{4}''$ .. .. ,,	14
Staples, lashing, with plates, box, sight .. .. ,,	2
Staples, lashing, with plates, double .. .. .. ,,	3
Staples, lashing, with plates, single .. .. .. ,,	5
Stays, futchel, front, near .. .. ,,	1
Stays, futchel, front, off .. .. ,,	1
Stays, futchel, angle, centre .. .. steel	1
Stays, futchel, angle, rear, near .. .. .. ,,	1
Stays, futchel, angle, rear, off .. .. .. ,,	1
Steels, movable limber hook	1
Washers, drag, 2nd class, C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Iron, nib	1
Loops, clip, pole point .. .. iron	1
Plates, with nails, copper, wrapping pole	1
Plates, pole pin .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 7A or 10A	2
Boxes, ammunition	1
Parts of—	
Bands, lid .. .. steel	2
Bands, guard iron .. .. ,,	2
Blocks, securing projectile, (set of 6) near wood, sets	1
Blocks, securing projectile, (set of 6) off .. ,, ,,	1
Covers, unpainted .. .. canvas	2
Hinges	4
Irons, guard, No. 9, near	1
Irons, guard, ,, 10, off	1
Keys, guard iron, with chain and loop .. .. iron	4
Locks, with key	2
Plates, angle, $4'' \times 2\frac{1}{2}'' \times 1''$ .. .. .. iron	2
Plates, angle, $3\frac{1}{2}'' \times 2\frac{1}{2}'' \times 1''$ .. .. .. ,,	2
Plates, corner, front, near	1
Plates, corner, front, off	1
Plates, corner, rear, near	1
Plates, corner, rear, off	1
Plates, escutcheon .. .. ,,	2
Plates, striking lock	2
Plates, striking .. .. steel	1
Sockets, fixing time and percussion fuze .. .. metal	1

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition—*contd.*	
Straps, lifting tube box .. .. .. leather	2
Stays, lid	2
Staples, { spade .. .. steel	2
Staples, { lashing, with plate, { single $\frac{1}{4}''$ .. iron	8
Staples, { lashing, with plate, { single $\frac{3}{16}''$ .. „	2
Staples, { lashing, with plate, { treble, $\frac{1}{4}''$ .. „	2
Staples, { lashing, with plate, { hand leathers .. „	3
Strips, supporting projectile blocks, { inner aluminium	2
Strips, supporting projectile blocks, { outer „	2
Trays, projectile .. .. wood	2
Turnscrew, shell plug	1
Holdalls, with straps, { near	1
Holdalls, with straps, { off	1
Boxes, fuze, { No. 18	2
Boxes, fuze, { „ 19	2
Wheels, 2nd class, C, No. 35A	2*a*
LEATHERWORK.	
Cases, { bill hook	1
Cases, { drag washer	1
Cases, { felling axe	1
Cases, { lubricating can, No. 3	1
Cases, { water brush	1
Leathers, { hand	3
Leathers, { No. 9, guard iron	1
Leathers, { „ 10, „	1
Loops, { felling axe	1
Loops, { pick „	1
Pockets, key, { lock	1
Pockets, key, { fuze, universal	1
Straps, securing, { 9 in. × $\frac{3}{4}$ in. (telescopic sight box)	1
Straps, securing, { 13 „ × $\frac{3}{4}$ „ { („ „ „)	1
Straps, securing, { 13 „ × $\frac{3}{4}$ „ { (spades)	2
Straps, securing, { 10 „ × 1 „ { (water brush)	1
Straps, securing, { 10 „ × 1 „ { (bill hook)	1
Straps, securing, { 10 „ × 1 „ { (handle, camp kettle) ..	1
Straps, securing, { 13 „ × 1 „ { (felling axe)	1
Straps, securing, { 13 „ × 1 „ { (pick „)	1
Straps, securing, { 13 „ × 1 „ { (drag washer)	1
Straps, securing, { 18 „ × 1 „ (pick axe)	1

a In some cases, Nos. 26 and 42 wheels have been issued.

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 22 in. × 1 in. (spade handles)	2
22 in. × 1 in. (swords)	2
26 ,, × 1 ,, (grease box, 3-lb.)	1
26 ,, × 1 ,, (case, oil can)	1
26 ,, × 1 ,, (kit bags, R.A.)	4
30 ,, × 1 ,, (drag ropes, pole bar, and swingletree)	2
32 ,, × 1 ,, B.P., C.B. (blankets)	4
44 ,, × 1 ,, (camp kettle, lid)	1
44 ,, × 1 ,, (portable magazines)	2
44 ,, × 1 ,, (picketing gear)	2
54 ,, × 1 ,, (box telescopic sight	1
Ties, linch pin	2

WAGON, AMMUNITION AND STORE, R.A., MARK II*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Body.	
Bars, stay, loading	1
Blocks, axletree	2
Boards, foot	1
Boards, head	1
Boards, partition	1
Boards, tail	1
Frames, bottom— Consisting of—	
Bar, cross	1
Boards, bottom	14
Bolsters, body, front	1
Bolsters, body, rear	1
Bolsters, wheel, plate, front	1
Bolsters, wheel, plate, rear	1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
Frames, bottom—*continued.*	
Earbeds, front	1
Earbeds, rear	1
Locker (complete)	1
Sides, near..	1
Sides, off	1
Summers	2
Hoops, bale (set of 5) .. .. .. sets	1*a*
Seats, and box, driver's	1
Seats, with back	1
Sides, complete with 3 stud staves and 1 cleat, near	1
Sides, complete with 3 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Blocks, axletree	2
Bolsters, bottom	1
Bolsters, top	1
Bolsters, wheel plate..	1
Futchels, outside	2
Futchels, inside	2
Swingletrees, No. 10A	2
Poles, draught, No. 7A	1
WHEELS.	
Wheels, 2nd class, B, No. 28, fore	2*b*
Wheels, 2nd class, C, ,, 35A, hind ..	2*b*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class, C, No. 97.. .. iron	1
Blocks, brake, field and transport, Mark II ..	2*c*
Boxes, grease, half round, 3 lbs.	2
Brackets, drag shoe .. .. .. iron	1
Brackets, spare wheel arm .. .. steel	1

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

b Earlier issues of these wagons may be met with having:—
No. 33, fore... } wheels.
,, 32 or 39, hind }
These will be replaced as they become unserviceable by Nos. 28 and 35A.

c For wagons fitted with South African brake.

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF IRONWORK—*continued.*		
Buttons, cover board, main pin .. metal	2	
Chains, tailboard, with loops .. .. iron	2	
Clips, axletree .. .. ,,	2	
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd Class B wheels on C axletrees.
Collars, axletree, point .. .. ,,	2	Only required when running 2nd Class B wheels on C axletrees.
Hasps, seat and box, drivers' .. ,,	1	
Hasps, locker .. .. ,,	1	
Hinges, locker .. .. ,,	2	
Hinges, seat and box, drivers' .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain .. .. ,,	1	
Hooks, chain, tailboard, with loop .. .. ,,	2	
Hooks, with plate, joint head and tailboards plain .. ,,	3	
Hooks, with plate, joint head and tailboards keyway .. ,,	1	
Hooks, with plate, lashing .. .. .. ,,	12	
Irons, guard, seat, No. 30	2	
Irons, nib	4	
Joints, head board .. .. .. iron	2	
Joints, seat, with top .. .. .. ,,	2	
Joints, seat, with under.. .. .. ,,	2	
Joints, back, with hasp .. .. ,,	1	
Keys, with chain, split, flat, guard iron .. ,,	4	
Keys, with chain, split, flat, tailboard .. ,,	1	
Keys, with chain, head and tail .. .. ,,	4	
Keys, with chain, stay, joint, footboard .. ,,	2	
Loops, lashing, spare wheel .. .. ,,	2	
Loops, bar, loading, with chain .. ,,	1	
Pins, linch, 2nd class .. .. .. steel	2	
Pins, main, No. 24, with collar and key iron	1	
Plates, angle, strengthening, long..	2	
Plates, angle, strengthening, short	2	
Plates, angle, strengthening wagon floor, near, with bolts steel	1	
Plates, angle, strengthening wagon floor, off, with bolts steel	1	
Plates, camp kettle with hooks .. .. ,,	2	
Plates, clip, bolster.. .. .. .. ,,	1	
Plates, clip, securing spare wheel arm, with bolts, near ,,	1	
Plates, clip, securing spare wheel arm, with bolts, off ,,	1	
Plates, clip, stay, joint, footboard .. ,,	2	

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Plates, for stay clip, boards, side, large .. steel	2
Plates, for stay clip, boards, side, small .. ,,	2
Plates, distinguishing .. .. cast iron	1
Plates, locking, body .. .. .. iron	1
Plates, locking, wheels .. .. .. ,,	1
Plates, pin, securing spare wheel arm, with screws steel	2
Plates, securing spare wheel arm, with key and chain .. .. steel	1
Plates, socket, guard iron .. .. .. iron	4
Plates, strap, joint, tailboard .. .. ,,	2
Plates, strengthening locker.. .. .. ,,	2
Plates, wrapping, head board .. .. ,,	2
Plates, wrapping, tail ,, ... ,,	2
Sockets, guard-iron .. .. .. ,,	4
Staples, bale hoop, bevelled .. ,,	12
Staples, bale hoop, plain .. .. ,,	8
Staples, clip, axletree .. .. .. ,,	4
Staples, joint, seat .. .. .. ,,	2
Staples, lashing, common .. .. ,,	5
Staples, lashing, with plate, double .. ,,	15
Staples, lashing, with plate, single .. ,,	18
Staples, lashing, with plate, ,, $\frac{5}{16}$-in. ,,	2
Staples, round crowned, small .. ,,	12
Staples, stud stave .. .. .. ,,	6
Stays, clip, bar, loading .. .. ,,	1
Stays, clip, partition board .. .. ,,	1
Stays, cross, axletree .. .. .. ,,	1
Stays, joint, footboard.. .. .. ,,	2
Stays, strengthening bolster .. .. ,,	1
Stays, T, axletree, complete .. .. ,,	2
Turnbuckles, head board .. .. ,,	1
Turnbuckles, locker .. .. .. ,,	1
Turnbuckles, seat and box, drivers' ,,	1
Washers, drag, 2nd class, C .. .. ,,	2
Fore Carriage.	
Axletrees, 2nd class, B, No. 33.. .. iron	1
Bollards .. .. ,,	2
Clips, axletree .. .. ,,	2

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Hooks, draught, with bolt and nut		steel	2
Keys, pole, pin, No. 7 and 7A pole		iron	1
Pins,	pole, No. 7, pole B	,,	1
	linch, 2nd class	steel	2
Plates,	clip, bollard	iron	2
	clip, bolster	,,	1
	locking, wheel	,,	1
	main pin	,,	1
	strengthening, futchel	,,	2
	strengthening, sweep bar	,,	1
Sockets,	pole end	,,	1
	splinter bar	,,	2
Staples,	clip, axletree	,,	4
	lashing, common, ¼-in.	,,	6
	lashing, round crowned, small	,,	2
	pole	,,	1
Stays,	cross axletree	,,	1
	splinter bar	,,	4
	T, axletree, complete	,,	2
Washers, drag, 2nd class, B		,,	2
Pole Draught.			
Loops, clip, pole point		iron	1
Plates,	strengthening pole	,,	2
	bearing, pole bar	steel	1
LEATHERWORK.			
Leathers, fixture,	cases, billhook		1
	cases, felling axe		1
	for, spade		1
	for, shovel		1
	thong, for locker		1
Straps, securing,	10-in. × 1-in. (billhook)		2
	13 ,, × 1 ,, (felling axe)		2
	13 ,, × 1 ,, (reaping hook)		2
	18 ,, × 1 ,, (shovel)		1
	18 ,, × 1 ,, (spade)		1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 22 in. × 1 in. (swords)	2
26 „ × ¾ „ B.P. (drivers' seat)	1
26 „ × 1 „ (pickaxe) ..	1
26 „ × 1 „ (grease boxes) ..	2
26 „ × 1 „ (camp kettles) ..	2
26 „ × 1 „ (swingletree) ..	2
30 „ × 1 „ (footboard) ..	2
30 „ × 1 „ (picketing gear ..	3
36 „ × 1 „ (draught pole, spare)	2
36 „ × 1 „ (spare shaft, cart, S.A.A.) ..	2
44 „ × 1 „ (camp kettles) ..	2
48 „ × 1 „ (lifting jack) ..	2*a*
Ties, linch pin	4
Covers, waterproof .. .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*

a In ammunition parks only

b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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WAGON, ARTILLERY, MARK I*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Body.	
Boards, head	1
Boards, partition, front	1
Boards, partition, rear	1
Boards, tail	1
Blocks, axletree	2
Blocks, stay, spare wheel	1
Blocks, check	2
Frames, bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	16
Bolsters, body	1*a*
Bolsters, wheel plate, front	1*a*
Bolsters, wheel plate, rear	1*a*
Earbeds, front	1
Earbeds, rear	1
Sides, near	1
Sides, off	1
Summers	2
Hoops, bale (set of 6)	1*b* sets
Raves, near	1
Raves, off	1
Seats, front	1
Seats, hind	1
Sides, complete, with 4 stud staves and 1 cleat, near	1
Sides, complete, with 4 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Bolsters, bottom	1*c*
Bolsters, top, centre	1*a*
Bolsters, top, front	1*a*
Bolsters, top, rear	1*a*
Blocks, axletree	2
Futchels, inside	2
Futchels, outside	2
Poles, draught, No. 2	1
Swingletrees, No. 10A	2

a Bolsters of this description are required for both kinds of wagons, but differ in pattern.

b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

c Articles, special, for wagons fitted with ordinary main pin and wheel plate

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
WHEELS.	
Wheels, 2nd class C, No. 37, fore	2
,, 38, hind	2*a*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class C, No. 40 .. .. steel	1
Boxes, grease, half round, 3-lbs. .. tin	2
Bracket, drag shoe .. .. .. steel	1
Buttons, cover board, main pin .. metal	2
Chains, drag shoe, No. 17 .. .. iron	1
Chains, footboard, with loops .. ,,	2
Clips, axletree .. .. ,,	2
Hooks, drag shoe and chain .. .. .. ,,	1
Hooks, headboard .. .. ,,	2
Hooks, with plate, joint, head and tailboard, plain .. ,,	2
Hooks, with plate, joint, head and tailboard, with keyway ,,	2
Hooks, with plate, lashing, half round .. ,,	4
Hooks, with plate, lashing, ...	12
Irons, guard, seat, front	2
Irons, nib	4
Irons, scroll, front	2
Irons, scroll, rear	2
Joints, seat, hind .. .. .. steel	2
Keys, split, flat, hook joint, head and tailboard, with chain .. iron	2
Keys, head and tail, with chain .. steel	4
Lubricators, ball, main pin .. .. metal	1*b*
Pins, linch, 2nd class (special) .. steel	2
Pins, main, No. 2, with collar and key iron	1*c*
Pins, main, ,, 3, with metal ball, collar and key .. steel	1*b*

a Will be replaced by wheel No. 38A. when stock is used up.
b Articles, special, for wagons fitted with ball and socket, main pin.
c ,, ,, ,, ,, ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Plates, distinguishing		iron	1
camp kettle, with hooks		,,	2
clip, bolster		,,	1*a*
locking wheels		,,	1
main pin		,,	1*a*
strap, joint, headboard		,,	2
strap, joint, tailboard		,,	2
wrapping, headboard		,,	2
wrapping, tailboard		,,	2
clip rave, with stays		steel	10
coupling, spring		,,	8
locking, body		,,	1
Screws, looped, No. 3, flat			32
Shoes, drag, No. 6		iron	1
Soles, drag shoe, No. 15		steel	1
Sockets, metal ball, main pin			1*b*
Springs, side, hind, with fittings		steel	2
Springs, spiral, lubricating		,,	1*b*
Springs, spiral, main pin		,,	1*b*
Staples, lashing, common, $\frac{1}{4}$-inch		iron	18
Staples, lashing, common, $\frac{3}{16}$,,		,,	6
Staples, lashing, with plate, double		,,	10
Staples, lashing, with plate, single		,,	14
Staples, socket ball, main pin		,,	2*b*
Staples, balehoop, driving		steel	8
Staples, balehoop, plain		,,	28
Staples, joint, seat		,,	2
Staples, rave		,,	10
Staples, stud stave		,,	8
Washers, drag, 2nd class (special)		iron	2
Fore Carriage.			
Axletrees, 2nd class C, No. 39		steel	1
Clips, axletree		iron	2
Hooks, draught, with bolt and nut		steel	2
Irons, scroll, front			2
Irons, scroll, rear			2
Keys, split, flat, with chain, pin pole		iron	1

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Pins, pole, with chain.. .. .. iron	1
Pins, linch, 2nd class (special), .. steel	2
Plates, clip, bolster .. .. .. iron	1*a*
Plates, friction, bolster .. .. ,,	2*b*
Plates, locking wheel.. .. .. ,,	1*a*
Plates, main pin .. .. .. ,,	1*a*
Plates, clip, spring, plain .. .. steel	2*b*
Plates, coupling, staple, bolster .. ,,	1*b*
Plates, locking bolster .. .. ,,	1*b*
Plates, strengthening sweep bar .. ,,	1
Sockets, pole end .. .. .. iron	1
Sockets, splinter bar.. .. .. ,,	2
Springs, side, fore, with fittings .. steel	2
Staples, bolster.. .. .. .. iron	2*b*
Staples, pole .. .. ,,	1
Staples, socket pole .. .. .. ,,	2
Staples, lashing, common, ¼-inch .. ,,	4
Stays, splinter bar, flat, long .. steel	2
Stays, splinter bar, flat, short .. ,,	2
Stays, splinter bar, round .. .. ,,	2
Washers, drag, 2nd class (special) .. iron	2
Pole.	
Loops, clip, pole point .. .. .. iron	1
Plates, strengthening pole .. .. ,,	2
Plates, bearing, pole bar .. .. steel	1
Chains, draught pole, No. 2 .. .. iron	2
LEATHERWORK.	
Leathers, fixture, cases, bill hook.. ..	1
Leathers, fixture, cases, felling axe ..	1
Leathers, fixture, for, sword	6
Leathers, fixture, for, spade	1
Leathers, fixture, for, shovel	1
Leathers, fixture, for, axe, pick long ..	1
Leathers, fixture, for, axe, pick short ..	1*b*
Leathers, fixture, for, maul	1

NOTE.—Wagons fitted with ordinary main pin and wheel plate take one more strap of 18″ × 1″ and one less of 26″ × 1″, and the additional fixture leather marked *c*, consequent upon the altered position of carrying the pickaxe.

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark 1*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
LEATHERWORK—*continued.*			
Straps, securing,	10 in. × 1 in.	(bill hook) ..	2
		(seat, driver's) ..	2
	13 „ × 1 „	(felling axe) ..	2
		(seats, when not in use)	2
	18 „ × 1 „	(shovel)	1
		(spade)	1
	26 „ × 1 „	(pickaxe) ..	1*a*
		(grease boxes) ..	2
		(camp kettles ..	2
		(swingletrees) ..	2
	36 „ × 1 „	(spare pole) ..	2
	44 „ × 1 „	(camp kettles) ..	2
	54 „ × 1 „	(lifting jack) ..	2
Covers, waterproof .. .. canvas			1*b*
Lashings, tarred,	1½-inch, 32 feet, wagon cover		2*b*
	1-inch, 20 feet (spare wheel)		3

a See Note, page 99.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

WAGON, STORE, R.A., MARK I.

Description.			No.
COMPONENT PARTS.			
DETAIL OF WOODWORK.			
Boards,	bottom		9
	head		1
	partition,	front	1
		rear	1
		small	1
	tail		1
	top	front	1
		rear	1

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Wagon, Store, R.A., Mark 1—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Boxes, lantern, folding	1	
Boxes, stationery	1*a*	
Boxes, under	4	
Hoops, bale (set of 4) .. .. .. set	1*b*	
Props	4	
Sides, near	1	
Sides, off	1	
Trays, gun fittings	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 91 .. .. iron	1	
Bands, boxes, under, cranked .. ,,	4	
Bands, boxes, under, plain .. .. ,,	4	
Chains, tailboard .. .. .. ,,	2	
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Eyes, perch, No. 4 .. .. .. ,,	1	
Hinges, board, top, rear.. .. .. ,,	2	
Hooks, drag, chain .. .. ,,	1	
Hooks, drag, shoe.. .. .. ,,	1	
Hooks, joint, tailboard .. .. ,,	3	
Hooks, lashing, joint, side .. ,,	2	
Hooks, lashing, with plate .. ,,	8	
Hooks, chain, tailboard, with loop .. ,,	2	
Hasps, boxes, under .. .. .. ,,	4	
Hasps, board, top .. .. .. ,,	6	
Hasps, stationery box .. .. ,,	2	
Hasps, tailboard .. .. .. ,,	1	
Irons, nib, head and tailboard	4	
Irons, nib, lantern box..	2	
Joints, boards, partition and top .. iron	2	
Joints, side .. .. ,,	6	
Keys, split, flat, head and tail, with chain .. ,,	4	
Keys, split, flat, hook, joint, tailboard, with chain .. .. .. ,,	1	

a Complete with stationery books, printed forms, &c., for batteries on War Establishment.

b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Store, R.A., Mark I—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Loops, lashing, with rings .. .. iron	4
Perches .. .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing .. cast iron	1
Plates, angle, connecting, rear .. iron	1
Plates, angle, side, axletree .. ,,	2
Plates, angle, stay, axlebed .. ,,	2
Plates, boss, thumb screw, small .. ,,	1
Plates, camp kettle, with hooks .. ,,	2
Plates, connecting, front .. .. ,,	1
Plates, strap, partition board, front .. ,,	3
Plates, strap, partition board, rear .. ,,	3
Plates, strap, headboard .. .. ,,	2
Plates, strap, joint, tailboard .. ,,	3
Plates, wrapping, headboard .. ,,	2
Plates, wrapping, joint, tailboard ,,	2
Screws, thumb, securing lantern-box, with chain .. .. steel	1
Sides, left .. .. ,,	1
Sides, right .. .. ,,	1
Staples, bale hoop, bevelled .. iron	8
Staples, bale hoop, plain .. .. ,,	8
Staples, lashing, riveting, ¼-inch .. ,,	16
Staples, lashing, with plate, double ,,	6
Staples, lashing, with plate, single ,,	37
Staples, prop stick, front .. .. ,,	1
Staples, prop stick, rear .. .. ,,	2
Staples, round crowned $\frac{3}{16}$ inch .. ,,	1
Staples, round crowned $\frac{3}{8}$,, .. ,,	2
Steels, movable, perch eye .. .. ,,	1
Turnbuckles, boxes, under .. .. ,,	4
Turnbuckles, wagon, sides .. .. ,,	6
Washers, drag, 2nd class C .. .. ,,	2
WHEELS.	
Wheels, 2nd class C, No. 35A *a*..	2*a*

a In some cases No. 36 wheel has been issued.

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Wagon, Store, R.A., Mark I—*continued.*

Descripton.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK.	
Leathers, thong, for boxes under	4
Straps, securing, 10 in. × 1 in. (camp kettles) ..	2
10 in. × 1 in. (tool chest No. 5) ..	2
13 „ × 1 „ (props, rear)	2
18 „ × 1 „ (pit saw)	2
22 „ × 1 „ (crow bar)	2
22 „ × 1 „ (props, front) ..	1
22 „ × 1 „ (swingletrees) ..	4
30 „ × 1 „ (reaping hooks) ..	2
44 „ × 1 „ (camp kettles) ..	2
44 „ × 1 „ (case butchery implements) ..	1
54 „ × 1 „ (camp stool, heel ropes and picketing ropes) ..	1
72 „ × 1 „ (bundles of spare harness)	1
Ties, linch pin	2
Boxes, nail	4
Covers, waterproof .. .. .. canvas	1*a*
Lashings, tarred, 1-inch, 10 feet	2
Lashings, tarred, 1½ „ 32 „ wagon cover	2*a*
Rulers	1*b*
Bottles, ink (in brass case)	1*b*

WAGON, STORE, R.A., MARK II.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Boards, tail	1
Boxes, lantern, folding	1
Boxes, stationery	1*c*
Boxes, front	1
Boxes, centre	1
Boxes, rear	1

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

b These form a part of the stationery box, and as such are issued with it.

c Complete with stationery, books, printed forms, &c., for batteries on War Establishment.

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK—*continued.*	
Hoops, bale (set of 4) .. .. .. set	1*a*
Props	4
DETAIL OF IRONWORK.	
Axletrees, 2nd class C, No. 38.. .. steel	1
Bearings, axletree, bottom .. .. ,,	1
Bearings, axletree, top, left .. ,,	1
Bearings, axletree, top, right .. ,,	1
Brackets, thumb screw, securing boxes ,,	4
Chains, crow bar, with ring and loop .. iron	1
Eyes, perch, No. 7 .. .. .. ,,	1
Flanges, axletree, side, left .. .. steel	1
Flanges, axletree, side, right .. ,,	1
Handles, heart plate, with nib, left .. iron	3
Handles, heart plate, with nib, right ,,	3
Hasps, stationery box .. .. .. ,,	2
Hasps, store boxes .. .. .. ,,	6
Hasps, tailboard .. .. .. ,,	1
Hinges, tailboard, left .. .. .. ,,	1
Hinges, tailboard, right .. .. ,,	1
Hooks, drag, chain .. .. ,,	1
Hooks, drag, shoe .. .. ,,	1
Hooks, lashing .. .. .. ,,	2
Hooks, ,, with plate .. .. ,,	10
Hooks, camp kettle .. .. .. steel	4
Irons, nib, lantern box	2
Perches .. .. steel	1
Pins, linch, 2nd class .. .. .. ,,	2
Plates, distinguishing .. cast iron	1
Plates, connecting, front, left .. steel	1
Plates, connecting, front, right ,,	1
Plates, connecting, rear .. .. ,,	1
Screws, thumb, securing, lantern box, with chain and key steel	1
Screws, thumb, securing, stationery and store boxes, with chain and key .. ,,	4
Sides, left .. .. steel	1
Sides, right .. .. ,,	1
Sockets, nib, iron .. .. .. ,,	4

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Staples, lashing, riveting, $\frac{5}{16}$-inch iron	8
Staples, lashing, with plate, single ,,	22
Staples, lashing, ,, (special) ,,	4
Staples, round crowned, small .. ,,	1
Staples, prop stick front .. .. ,,	1
Staples, prop stick rear .. .. ,,	2
Staples, bale hoop bevelled .. steel	12
Staples, bale hoop plain .. .. ,,	4
Stays, channel, centre, front .. ,,	1
Stays, channel, centre, rear .. ,,	1
Stays, channel, front, left .. ,,	1
Stays, channel, front, right .. ,,	1
Stays, channel, rear, left .. ,,	1
Stays, channel, rear, right .. ,,	1
Stays, connecting, rear .. .. ,,	1
Steels, movable, perch eye	1
Turnbuckles, tailboard .. .. iron	1
Turnbuckles, store boxes .. .. ,,	6
Washers, drag, 2nd class C .. .. steel	2
WHEELS.	
Wheels, 2nd class C, No. 35A	2
LEATHERWORK.	
Straps, securing, 10 in. × 1 in. (camp kettles) ..	2
Straps, securing, 10 in. × 1 in. (tool chest, No. 5)	2
Straps, securing, 13 ,, × 1 ,, (props front) ..	1
Straps, securing, 13 ,, × 1 ,, (props rear) ..	2
Straps, securing, 22 ,, × 1 ,, (swingletree) ..	4
Straps, securing, 30 ,, × 1 ,, (reaping hooks) ..	2
Straps, securing, 44 ,, × 1 ,, (camp kettles) ..	2
Straps, securing, 44 ,, × 1 ,, (case butchery implements) ..	1
Straps, securing, 54 ,, × 1 ,, (camp stool, heel ropes, and picketing ropes) ..	1
Straps, securing, 72 ,, × 1 ,, (bundles of spare harness) ..	1
Ties, linch pin	2

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Wagon, Store, R.A., Mark II—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
LEATHERWORK—*continued.*		
Covers, waterproof .. .. canvas	1*a*	
Lashings, tarred, 1-inch, 10 feet	2	
Lashings, tarred, 1½ „ 32 „ wagon cover	2*a*	
Rulers	1*b*	
Bottles, ink (in brass case)	2*b*	

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.
b These form a part of the stationery box, and, as such, are issued with it.

WAGON, FORGE, R.A., MARK I*.

Description.	No.	
COMPONENT PARTS.		
DETAIL OF WOODWORK.		
Beds, axletree	1	
Boards, bottom	9	
Boards, head	1	
Boards, partition	1	
Boards, tail	1	
Boards, top, centre	1	
Boards, top, front	1	
Boards, top, rear	1	
Boxes, lantern, distinguishing	1	
Boxes, lantern, folding	1	
Boxes, under	4	
Chests, without drawers, smiths' tools ..	1	
Chests, without drawers, wheelers' tools ..	1	
Drawers, smiths' tool chests, No. 1, shoeing tools ..	1	
Drawers, smiths' tool chests, „ 2 } miscellaneous tools	1	
Drawers, smiths' tool chests, „ 3 } miscellaneous tools	1	
Drawers, smiths' tool chests, „ 4	1	
Drawers, wheeler's tool chest, No. 1 } miscellaneous tools ..	1	
Drawers, wheeler's tool chest, „ 2 } miscellaneous tools ..	1	
Drawers, wheeler's tool chest, „ 3, bolts, rivets, nails, screws, &c.	1	
Drawers, wheeler's tool chest, „ 4, stocks and dies	1	

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Hoops, bale (set of 4) .. .. .. set	1*a*	
Props	4	
Sides, near	1	
Sides, off	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 44 .. .. iron	1	
Bands, boxes, under cranked .. ,,	4	
Bands, boxes, under plain .. ,,	4	
Bands, yoke, axletree, with nuts .. ,,	2	
Chains, tailboard .. .. .. ,,	2	
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Eyes, perch, No. 3 .. .. .. ,,	1	Either Mark IV or G.S. Mark II forge as may be required.
Forges, field, R.A., complete with 1-cwt. anvil and block	1	
Guides, angle, forge, tailboard .. steel	4	
Guides, angle, forge, wagon body .. ,,	4	
Hasps, boxes, under .. .. .. iron	4	
Hasps, boards, top .. .. .. ,,	4	
Hinges, guide forge, angle, large .. ,,	1	
Hinges, guide forge, angle, small, left ,,	1	
Hinges, guide forge, angle, small, right ,,	1	
Hinges, guide forge, plain .. .. ,,	2	
Hinges, partition board .. .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain, large .. .. ,,	1	
Hooks, drag chain, small .. .. ,,	1	
Hooks, drag shoe .. .. .. ,,	1	
Hooks, joint, tailboard .. .. ,,	3	
Hooks, lashing, joint, side .. .. ,,	2	
Hooks, lashing, with plate .. .. ,,	8	
Hooks, chain, tailboard, with loop .. ,,	2	
Irons, nib, ...	2	
Irons, nib, lantern box	4	
Joints, boards, partition and top .. iron	2	
Joints, side .. .. ,,	6	

a These articles are required with each complete wagon, but are charged separately and must be so demanded.

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Keys, split, flat, head and tail .. .. iron	4
with chain, hook joint, tailboard .. ,,	1
Loops, lashing, with rings .. .. ,,	4
Perches .. .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing .. .. cast iron	1
angle, connecting, rear .. iron	1
boss, thumb screws, large .. ,,	4
boss, thumb screws, small ,,	1
camp kettle, with hooks .. ,,	2
clip, wagon, sides .. .. ,,	10
connecting, front .. .. ,,	1
coupling, yoke, bands .. ,,	2
lining, tailboard .. .. ,,	1
strap, clip, side (set of 3), sets ,,	2
strap, headboard .. .. ,,	2
strap, joint, tailboard .. ,,	3
strap, partition board, with nuts, iron	3
strengthening perch, with bolts, and nuts .. .. iron	3
striking, partition board .. ,,	2
stud, anvil block .. .. ,,	1
wrapping, headboard .. ,,	2
wrapping, tailboard .. ,,	2
Screws, thumb, with lantern box .. steel	1
chain, securing, tool chests .. ,,	4
Sides, left .. .. ,,	1
Sides, right .. .. ,,	1
Staples, bale hoop, bevelled .. iron	8
Staples, bale hoop, plain .. .. ,,	8
Staples, lashing, riveting, ¼-inch .. ,,	16
Staples, lashing, with plate, double ,,	8
Staples, lashing, with plate, single ,,	8
Staples, round crowned, $\frac{3}{16}$-inch .. ,,	1
Steels, moveable, perch eye	1
Turnbuckles, tailboard .. .. iron	1
Turnbuckles, boxes, under .. .. ,,	4
Turnbuckles, wagon-sides .. .. ,,	4
Washers, drag, 2nd class C .. .. ,,	2
WHEELS.	
Wheels, 2nd class C, No. 35A	2

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Wagon, Forge, R.A., Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK.	
Straps, securing, 10 in. × 1 in. (camp kettles) ..	2
13 „ × 1 „ (grindstone) ..	1
13 „ × 1 „ (props, rear) ..	2
18 „ × 1 „ (forge)	2
18 „ × 1 „ (panniers)	4
18 „ × 1 „ (pit saw)	2
18 „ × 1 „ (stays, forge frame, with poker and slice)	2
22 „ × 1 „ (forge)	2
22 „ × 1 „ (props, front) ..	1
26 „ × 1 „ (lifting jack and two helves)	2
26 „ × 1 „ (sledge hammer) ..	2
44 „ × 1 „ (camp kettles) ..	2
60 „ × 1½ „ (anvil)	1
63 „ × 1 „ (coal sacks)	2
72 „ × 1 „ (anvil, block)	1
Ties, linch pin	2
Covers, canvas, waterproof	1*a*
Lashings, tarred 1-inch, 10-feet	2
Lashings, tarred 1½ „ 32 „	2

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

WAGONS, FORGE, R.A., MARKS II OR II*.*a*

Description.	No.	
COMPONENT PARTS.		
DETAIL OF WOODWORK.		
Boards, bottom	9	
Boards, head	1	
Boards, partition	1	
Boards, tail	1	
Boards, top, centre	1	
Boards, top, front	1	
Boards, top, rear	1	
Boxes, lantern, distinguishing	1	For ammunition column only.
Boxes, lantern, folding	1	
Boxes, under	4	
Chests, without drawers, smiths' tools ..	1	
Chests, without drawers, wheelers' tools ..	1	

a The Marks II and II* wagons are the same, excepting that the Mark II carries the "Forge, field, R.A., Mark III or IV," and the Mark II* the "Forge, field, G S., Mark II."

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
Drawers, smiths' tool chest, No. 1, shoeing tools ..	1	
Drawers, smiths' tool chest, ,, 2 miscellaneous tools	1	
Drawers, smiths' tool chest, ,, 3 miscellaneous tools		
Drawers, smiths' tool chest, ,, 4	1	
Drawers, wheelers' tool chest, No. 1 miscellaneous tools	1	
Drawers, wheelers' tool chest, ,, 2 miscellaneous tools		
Drawers, wheelers' tool chest, ,, 3, bolts, rivets, nails, screws, &c.	1	
Drawers, wheelers' tool chest, ,, 4, stocks and dies	1	
Hoops, bale (set of 4)	1*a*	
Props .. .. sets	4	
Sides, near	1	
Sides, off	1	
DETAIL OF IRONWORK.		
Axletrees, 2nd class C, No. 91.. .. iron	1	
Bands, boxes, under, cranked .. ,,	4	
Bands, boxes, under, plain .. .. ,,	4	
Chains, tailboard.. .. .. .. ,,	2	
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	
Eyes, perch, No. 4 .. .. .. iron	1	
Forges, field, complete, with 1-cwt. anvil and block	1	Either R.A., Mark IV, or G.S., Mark II, as required.
Guides, angle, forge, tailboard .. steel	4	
Guides, angle, forge, wagon body .. ,,	4	
Hasps, boxes, under .. .. .. iron	4	
Hasps, boards, top .. .. .. ,,	4	
Irons, nib, ...	4	
Irons, nib, lantern box..	2	
Hinges, guide, forge, angle, large .. .. iron	1	
Hinges, guide, forge, angle, small, left .. ,,	1	
Hinges, guide, forge, angle, small, right ,,	1	
Hinges, guide, forge, plain .. .. .. ,,	2	

a These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Hinges, partition board .. .. .. metal	2
Hooks, drag, chain, large .. iron	1
Hooks, drag, chain, small .. ,,	1
Hooks, drag, shoe .. .. .. ,,	1
Hooks, joint, tailboard.. .. .. ,,	3
Hooks, lashing, joint, side .. .. ,,	2
Hooks, lashing, with plate .. .. ,,	8
Hooks, chain, tailboard, with loop .. ,,	2
Joints, boards, partition and top .. ,,	2
Joints, side .. .. ,,	6
Keys, split, flat, with chain, head and tail.. .. ,,	4
Keys, split, flat, with chain, hook joint, tailboard ,,	1
Loops, lashing, with rings .. .. ,,	4
Perches .. .. ,,	1
Pins, linch, 2nd class .. .. .. steel	2
Plates, distinguishing .. .. cast-iron	1
Plates, angle, connecting, rear .. iron	1
Plates, angle, side, axletree .. .. ,,	2
Plates, angle, stay, axlebed .. .. ,,	2
Plates, boss, thumb screws, large .. ,,	4
Plates, boss, thumb screws, small .. ,,	2
Plates, camp kettle, with hooks .. ,,	2
Plates, clip, wagon, sides .. .. ,,	10
Plates, connecting, front .. .. ,,	1
Plates, lining, tailboard .. .. ,,	1
Plates, strap, clip, side (set of 3), sets ,,	2
Plates, strap, headboard .. .. ,,	2
Plates, strap, joint, tailboard .. ,,	3
Plates, strap, partition board, with nut ,,	3
Plates, stud, anvil block .. .. ,,	1
Plates, wrapping, headboard .. ,,	2
Plates, wrapping, tailboard.. .. ,,	2
Screws, thumb, securing, lantern box, with chain steel	1
Screws, thumb, securing, tool chests ,, ,,	4
Sides, left .. .. ,,	1
Sides, right .. .. ,,	1
Staples, bale, hoop, bevelled .. ,,	8
Staples, bale, hoop, plain .. .. ,,	8
Staples, lashing, rivetting, $\frac{1}{4}$-inch .. ,,	16
Staples, lashing, with plate double ,,	8
Staples, lashing, with plate single ,,	8
Staples, round crowned, $\frac{3}{16}$-inch .. ,,	1

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Wagons, Forge, R.A., Marks II or II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Steels, movable, perch eye	1
Turnbuckles, tailboard .. .. iron	1
Turnbuckles, boxes under .. .. ,,	4
Turnbuckles, wagon sides .. .. ,,	4
Washers, drag, 2nd class, C .. .. ,,	2
WHEELS.	
Wheels, 2nd class, C, No. 35A	2
LEATHERWORK.	
Leathers, thong, for boxes, under	4
Straps, securing, 10-in. × 1-in. (camp kettles).. ..	2
Straps, securing, 13 ,, × 1 ,, (grindstone) ..	1
Straps, securing, 13 ,, × 1 ,, (props, rear) ..	2
Straps, securing, 18 ,, × 1 ,, (forge)	2
Straps, securing, 18 ,, × 1 ,, (panniers)	4
Straps, securing, 18 ,, × 1 ,, (pit saw)	2
Straps, securing, 18 ,, × 1 ,, (stays, forge frame, with poker and slice)	2
Straps, securing, 22 ,, × 1 ,, (forge)	2
Straps, securing, 22 ,, × 1 ,, (props, front) ..	1
Straps, securing, 26 ,, × 1 ,, (lifting jack and two helves)	2
Straps, securing, 26 ,, × 1 ,, (sledge hammers) ..	2
Straps, securing, 36 ,, × 1½ ,, (anvil)	1
Straps, securing, 44 ,, × 1 ,, (camp kettle)	2
Straps, securing, 63 ,, × 1 ,, (coalsacks)	2
Straps, securing, 72 ,, × 1 ,, (anvil block)	1
Ties, linch pin	2
Boxes, nail	4
Covers, canvas, waterproof	1*a*
Lashings, tarred, 1-inch, 10 feet	2
Lashings, tarred, 1½ ,, 32 ,, wagon cover	2*a*

☞ *a* These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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LIMBER, WAGON, STORE, R.A., MARK II*.

Description.				No.
COMPONENT PARTS.				
Axletrees, 2nd class, C, No. 38			steel	1
Bars, supporting draught pole, No. 2			..	1
Boards,	foot		..	1
	platform		..	1
Boxes, grease, half-round, 3 lbs.			tin	1
Brackets,	futchel,	left	steel	1
		right	,,	1
	pole		,,	1
	securing box		,,	2
Flanges, axletree, futchel,		inside	,,	2
		outside	,,	2
Futchels,	inside,	left	,,	1
		right	,,	1
	outside,	left	,,	1
		right	,,	1
Hooks,	limber, No. 3		iron	1
	bucket		steel	1
	draught,	near	,,	1
		off	,,	1
	magazine (set of 4)	sets	,,	1
Keys,	pole pin, No. 17 pole		iron	1
	limber hook, No. 2, with chain		steel	1
Pins,	pole, No. 17, pole		iron	1
	linch, 2nd class		steel	2
Plates,	angle, connecting,	near	,,	1
		off	,,	1
	camp kettle, with hook		,,	1
	carrying, grease box		,,	1
	connecting,	front	,,	1
		rear	,,	1
	nib, pole		,,	1
Screws, thumb, securing box, with chain and key			,,	2
Staples,	lashing,	$\frac{5}{16}$-inch	iron	2
		$\frac{1}{4}$,,	,,	10
		with plate, double	,,	1
		with plate, single	,,	5
	box, outside,	left	steel	1
		right	,,	1
Stays, futchel,	angle,	centre	,,	1
		rear, near	,,	1
		rear, off	,,	1
	front,	near	,,	1
		off	,,	1

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Limber, Wagon, Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Steels, movable, limber hook	1
Washers, drag, 2nd class C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loop, clip, pole point.. .. .. iron	1
Plates, wrapping pole, with nails copper	1
Plates, pole pin .. .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 10A	2
Boxes.	
Boxes, limber	1
Parts of—	
Boards, cover	2
Cover .. .. canvas	1
Handles, heart plate, with nib .. iron	2
Handles, heart plate, " double "	2
Hasps	1
Irons, guard, near	1
Irons, guard, off	1
Irons, nib	2
Keys, guard iron, with chain and loop iron	4
Lock, complete, with key and stop pin metal	1
Plates, striking .. .. .. iron	1
Staples, lashing, with plate, double .. "	1
Staples, lashing, with plate, single .. "	16
Staples, lashing, with plate, treble .. "	2
Staples, spade .. .. .. steel	2
Trays, lower .. .. wood	1
Trays, upper .. .. .. "	1
Turnbuckle .. .. iron	1
Boxes, rivets, screws, and staples .. tin	2*a*
Boxes, tallow, Russian .. .. "	2*a*
Boxes, wax, bees	1*a*
Cans, oil, Rangoon, 8 pints .. .. tin	2*a*

a These boxes and cans form part of the limber box, and as such are issued with it.

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Limber, Wagon, Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
WHEELS.	
Wheels, 2nd class C, No. 35A	2
Leathers, fixture, cases, bill hook	1
drag washer ..	1
felling axe ..	1
water brush ..	1
loops, blanket	4
felling axe ..	1
pickaxe	1
hand	2
Straps, securing, 10in. × 1 in. (bill hook)	1
(water brush) ..	1
13 ,, × ¾ ,, (spades)	2
13 ,, × 1 ,, (drag washer) ..	1
(felling axe)	1
(pickaxe)	1
18 ,, × 1 ,, (pickaxe)	1
(spades)	2
22 ,, × 1 ,, (swords)	2
26 ,, × 1 ,, (grease box)	1
(kit bags, R.A.) ..	4
28 ,, × 1 ,, P.B. (blankets) ..	4
30 ,, × 1 ,, (drag ropes and swingletrees) ..	2
44 ,, × 1 ,, (picketing gear in bag)	2
Ties, linch pin	2

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LIMBERS, WAGON, FORGE, R.A., MARK II*, AND STORE, R.A., MARK I*.

Description.		Forge, R.A., Mark II*.	Store, R.A., Mark I*.	
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 90 ..	iron	1	1	
Bars, supporting draught pole, No. 2 ..		1	1	
Brackets, supporting pole staple ..	steel	1	1	
Bars, splinter	,,	1	1	
Boards, foot		1	1	
Boards, platform		1	1	
Boxes, grease, half-round, 3-lbs. ..	tin	1	1	
Collars, axletree, point	iron	2	2	These are only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder ..	,,	2	2	
Futchels		3	3	
Hooks, bucket	iron	1	1	
Hooks, limber, No. 7	,,	1	1	
Hooks, draught, near	steel	1	1	
Hooks, draught, off	,,	1	1	
Keys, pole, pin, No. 17 pole ..	iron	1	1	
Keys, limber hook, No. 1, with chain	steel	1	1	
Pins, pole, No. 17 pole	iron	1	1	
Pins, staple box, with chains, rings, and loops	,,	3	3	
Pins, linch, 2nd class	steel	2	2	
Plates, angle, connecting axletree and bed ..	iron	7	7	
Plates, angle, supporting limber box ..	,,	2	2	
Plates, camp kettle, with hooks ..	,,	1	1	
Plates, side	,,	2	2	
Plates, stop, limber box	,,	2	2	
Plates, top, axletree bed	,,	1	1	
Plates, nib, pole	steel	1	1	
Shackles, small		1	1	
Staples, flat crowned, ¼-inch ..	iron	2	2	
Staples, lashing, common ⅜-inch	,,	2	2	
Staples, lashing, common ¼ ,,	,,	10	10	
Staples, lashing, riveting, ¼-inch	,,	4	4	
Staples, lashing, with plate double ..	,,	2	2	
Staples, lashing, with plate single ..	,,	8	8	
Staples, pole	steel	1	1	
Stays, axletree bed	,,	2	2	
Stays, futchel, near	,,	1	1	
Stays, futchel, off	,,	1	1	

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Limbers, Wagons, Forge, B.A., Mark II*, and Store, R.A., Mark 1*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.
COMPONENT PARTS—*continued.*		
Steels, movable, limber hook .. steel	2	2
Washers, drag, 2nd class C .. ,,	1	1
Poles, draught, No. 17	1	1
Parts of—		
Irons, nib	1	1
Loop, clip, pole point .. .. iron		
Plates, wrapping pole, with nails	1	1
Plates, copper	2	2
Plates, pole pin .. .. iron	1	1
Plates, bearing, pole bar .. steel	2	2
Swingletrees, No. 10A	2	2
Boxes.		
Boxes, limber	1	1
Parts of—		
Boards, cover, ...	—	1
Boards, cover, large	1	—
Boards, cover, small	1	—
Cover .. .. .. canvas	1	1
Handles, heart plate, ... iron	2	2
Handles, heart plate, with nib .. ,,	2	2
Hasps .. .. ,,	1	1
Irons, guard, near	1	1
Irons, guard, off	1	1
Keys, guard iron, with chain and loop .. .. iron	4	4
Lock, complete, with key and stop pin .. .. metal	1	1
Plates, striking .. .. .. iron	1	1
Staples, lashing, with plate, double .. ,,	2	2
Staples, lashing, with plate, single .. ,,	16	16
Staples, lashing, with plate, treble .. ,,	2	2
Trays, lower .. .. .. wood	—	1
Trays, upper .. .. .. ,,	—	1
Trays, long .. .. .. ,,	1	—
Trays, medium .. .. ,,	1	—
Trays, short .. .. .. ,,	1	—
Turnbuckles .. .. .. iron	1	1
Boxes, dubbing .. .. .. tin	11*a*	—
Boxes, flour .. .. .. ,,	1*a*	—
Boxes, glue .. .. .. ,,	1*a*	—

a These boxes and cans form part of the limber box, and as such are issued with it.

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Limbers, Wagon, Forge, R.A., Mark II*, and Store, R.A., Mark I*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.
COMPONENT PARTS—*continued.*		
Boxes, leathers, hydraulic buffer tin	1*a*	—
Boxes, rivets, screws, and staples ,,	—	2*a*
Boxes, tallow, Russian .. .. ,,	—	1*a*
Boxes, wax, bees .. .. ,,	—	1*a*
Boxes, wax, black .. .. ,,	1*a*	—
Cans, oil, linseed .. .. ,,	1*a*	—
Cans, oil, olive .. .. ,,	1*a*	—
Cans, oil, Rangoon, 12 pints ,,	1*a*	—
Cans, oil, Rangoon, 8 ,, ,,	—	2*a*
Cans, paint, black .. .. ,,	1*a*	—
Cans, paint, white .. .. ,,	1*a*	—
Cans, turpentine .. .. ,,	1*a*	—
Cans, varnish .. .. .. ,,	1*a*	—
Case, ink bottle .. .. .. ,,	1*a*	—
WHEELS.		
Wheels, 2nd class C, No. 35A	2	2
LEATHERWORK.		
Leathers, fixture, cases, billhook ..	1	1
Leathers, fixture, cases, felling axe	1	1
Leathers, fixture, cases, water brush	1	4
Leathers, fixture, loops, blanket ..	4	1
Leathers, fixture, loops, felling axe	1	1
Leathers, fixture, loops, pick axe ..	1	2
Leathers, fixture, for, shovel ..	1	1
Leathers, fixture, for, spade ..	1	2
Leathers, hand	2	2
Straps, securing, 10 in. × 1 in. (billhook) ..	1	1
Straps, securing, 13 ,, × 1 ,, (felling axe) ..	1	1
Straps, securing, 13 ,, × 1 ,, (water brush) ..	1	1
Straps, securing, 18 ,, × 1 ,, (spades)	2	2
Straps, securing, 22 ,, × 1 ,, (swords)	2	2
Straps, securing, 26 ,, × 1 ,, (grease box) ..	1	1
Straps, securing, 26 ,, × 1 ,, (grindstone, when in use) ..	2	—
Straps, securing, 26 ,, × 1 ,, (kit bags, R.A.) ..	4	4
Straps, securing, 26 ,, × 1 ,, (pickaxe) ..	1	1
Straps, securing, 28 ,, × 1 ,, P.B. (blankets) ..	4	4

a These boxes and cans form part of the limber box, and as such are issued with it.

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Limbers, Wagon, Forge, R.A., Mark II*, and Store, R.A., Mark I*—*continued.*

Description.	Forge, R.A., Mark II*.	Store, R.A., Mark I*.	
COMPONENT PARTS—*continued.*			
LEATHERWORK—*continued.*			
Straps, securing, 30 in. × 1 in. (pickaxe) ..	1	1	
Straps, securing, 30 in. × 1 in. (drag ropes and swingletrees) ..	2	2	
Straps, securing, 44 ,, × 1 ,, (picketing gear in bag)	2	2	
Straps, securing, 46 ,, × 2 ,, (store box)	2	2	
Ties, linch pin	2	2	

LIMBER WAGON, FORGE, R.A., MARK I**.

Description.	No.	
COMPONENT PARTS.		
Axletrees, 2nd class, C, No. 44.. .. iron	1	
Bands, yoke, axletree, with nuts .. ,,	2	
Bars, supporting draught pole, No. 2	1	
Beds, axletree .. .. wood	1	
Boards, foot	1	
Boards, platform	1	
Boxes, grease, half-round, 3-lbs. .. tin	1	
Brackets, angle, supporting limber box, double iron	1	
Brackets, angle, supporting limber box, single ,,	2	
Collars, axletree, point .. .. ,,	2	These are only required when running 2nd class B wheels on C axletrees.
Collars, axletree, shoulder .. .. ,,	2	These are only required when running 2nd class B wheels on C axletrees.
Futchels	3	
Hooks, bucket.. .. .. .. iron	1	
Hooks, limber, No. 6 .. .. .. ,,	1	
Hooks, draught, near .. .. steel	1	
Hooks, draught, off .. .. ,,	1	
Keys, pole pin, No. 17 pole .. .. iron	1	
Keys, limber hook, No. 5, with chain steel	1	
Pins, pole, No. 17 pole .. .. iron	1	
Pins, staple, box, with chains, rings, and loops .. .. .. iron	3	
Pins, linch, 2nd class .. .. .. steel	2	

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Limber, Wagon, Forge, R.A., Mark I**—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Plates, camp kettle, with hook .. iron	1
Plates, coupling bands, yoke .. ,,	2
Plates, stop, limber box .. .. ,,	2
Staples, flat crowned, ¼ inch .. .. ,,	2
Staples, lashing, common, ⅜-inch .. ,,	2
Staples, lashing, common, ¼ ,, .. ,,	14
Staples, lashing, riveting, ¼-inch .. ,,	4
Staples, lashing, with plate, double ,,	2
Staples, lashing, with plate, single ,,	2
Staples, pole .. .. steel	1
Steels, movable, limber hook	1
Washers, drag, 2nd class C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loop, clip, pole point	1
Plates, wrapping pole, with nails copper	1
Plates, pole pin .. .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 10A	2
Boxes.	
Boxes, limber	1
Parts of—	
Boards, cover, large	1
Boards, cover, small	1
Cover .. .. canvas	1
Handles, heart plate, ... iron	2
Handles, heart plate, with nib .. .. ,,	2
Hasps .. .. ,,	1
Irons, guard, near..	1
Irons, guard, off	1
Keys, guard iron, with chain and loop iron	4
Lock, complete, with key and stop pin .. .. metal	1
Plates, striking .. .. .. iron	1
Staples, lashing, with plate, double ,,	2
Staples, lashing, with plate, single ,,	16
Staples, lashing, with plate, treble ,,	2
Trays, long.. .. .. wood	1
Trays, medium .. .. ,,	1
Trays, short .. .. ,,	1
Turnbuckle .. .. iron	1

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Limber, Wagon, Forge, R.A., Mark I**—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, dubbing .. .. .. tin	11*a*
flour .. .. ,,	1*a*
leathers, hydraulic buffer .. ,,	1*a*
glue .. .. ,,	1*a*
wax, black .. .. .. ,,	1*a*
Cans, oil, linseed.. .. .. ,,	1*a*
oil, olive .. .. .. ,,	1*a*
oil, Rangoon .. .. ,,	1*a*
paint, black .. .. ,,	1*a*
paint, white .. .. ,,	1*a*
turpentine .. .. .. ,,	1*a*
varnish .. .. .. ,,	1*a*
Cases, ink bottle.. .. .. .. ,,	1*a*
WHEELS.	
Wheels, 2nd Class C, No. 35A	2
LEATHERWORK.	
Leathers, fixture, cases, felling axe ..	1
fixture, cases, water brush..	1
fixture, loops, blankets ..	4
fixture, loops, felling axe ..	1
fixture, loops, pick axe ..	2
fixture, for, billhook.. ..	1
fixture, for, shovel	1
fixture, for, spade	1
hand	2
Straps, securing, 10 in. × 1 in. (billhook)	1
13 ,, × 1 ,, (felling axe) ..	1
13 ,, × 1 ,, (water brush) ..	1
18 ,, × 1 ,, (spades)	2
22 ,, × 1 ,, (swords)	2
26 ,, × 1 ,, (grease box) ..	1
26 ,, × 1 ,, (kit bags, R.A.) ..	4
26 ,, × 1 ,, (grindstone, when in use)	2
26 ,, × 1 ,, (pick axe)	1
28 ,, × 1 ,, P.B. (blankets) ..	4
30 ,, × 1 ,, (pick axe)	1
30 ,, × 1 ,, (drag ropes and swingletrees) ..	2
44 ,, × 1 ,, (picketing gear in bag)	2
46 ,, × 2 ,, (store box).. ..	2
Ties, linch pin	2

a These boxes and cans form part of the limber, and as such are issued with it.

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REGULATIONS

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EQUIPMENT OF THE REGULAR ARMY.

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1—Brigade Division Staffs. 2—Service Batteries.

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EQUIPMENT REGULATIONS, 1901.

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ROYAL FIELD ARTILLERY DETAILS, Q.F. 15-pr.

Adjutant General's Office
MILITARY INFORMATION DIVISION

AMENDMENTS.

Page 5, Para. 14, second line—
After "marked" *insert* "camp kettles in white, others."

Page 8—
Dele "Shot, Q.F., case *a*," *insert* "Shot, B.L. or Q.F., case, 15 and 12 pr., Mark V."
Dele footnote "*a*."

Page 15—
Dele Section "XIV," *insert* "XV."
Dele para. "43," *insert* "44."
Insert fresh section and para. as follows :—

"XIV. Equipment for Instruction in Reconnaissance.

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Note books for reconnaissance,	6*a*	
Pencils, blacklead,	12*a*	

Rulers, flat, boxwood, 1 foot (marked in inches), 6. { To be purchased locally.

a. Annually."

Page 16—
Dele Section "XV," *insert* "XVI."

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Page 18—

Against "Tools, screw cutting, Whitworth thread,' *dele* detail and *insert*—

" plates, screw,	large (mark I)	..	1
	small ,,	..	1
taps, ¾-inch	1st turn ,,	..	1
	2nd turn ,,	..	1
	plug ,,	..	1
taps, ⅝ ,,	1st turn ,,	..	1
	2nd turn ,,	..	1
	plug ,,	..	1
taps, ½ ,,	1st turn ,,	..	1
	2nd turn ,,	..	1
	plug ,,	..	1
taps, ⅜ ,,	1st turn ,,	..	1
	2nd turn ,,	..	1
	plug ,,	..	1
wrenches,	large (mark I)	..	1
	small ,,	..	1
tip, oil (mark I)	.. ..	..	1"

Page 26

Table 1—

Dele "Scabbards, sword, Cavalry, pattern 1899, Mark I ..	4	3	"
Insert "Scabbards, swords, Cavalry, pattern 1899, Mark I ..	1	1	"
Dele "Swords, Cavalry, pattern 1899	4	3	"
Insert "Swords, Cavalry, pattern 1899	1	1	"

Table 2—

Dele "Belts, waist, buff, Cavalry, pattern 1885 S.S.	2	2	"
Dele "Belts, waist, buff, Cavalry, pattern 1885 O.R	2	1	"
Insert "Belts, waist, buff, Cavalry, pattern 1885 S.S. ..	1	1	"
Insert "Belts, waist, buff, Cavalry, pattern 1885 O.R. ..	3	2	"
Against "Knots, swore, buff," *dele* "G.S."	2	2	"
Insert.. .. .. "G.S.	1	1	"

Dele "Cavalry, line, O.R.," and detail.

Page 32, Table 10—

Against "Carbines," *dele* "12 per battery," *insert* "24 per battery."

Dele "Pistols, Webley, *a b*, | 1 per staff-serjeant *d* and 1 per driver,"

Insert "Pistols, Webley, *a*, | 1 per staff-serjeant *c* and 1 per driver."

Against "Reflectors, mirror"—

Dele letter "*c*" and *insert* "*b*."

Dele "Scabbards"
"Sword-bayonets"
"Swords, Cavalry, pattern 1899" } and details.
footnote "*a*."

Dele footnote "*b*," *insert* "*a*. 48 of the normal war establishment are allowed for use in peace for instructional purposes, &c."

Dele footnote "*c*," *insert* "*b*."

Dele footnote "*d*," *insert* "*c*."

Page 33, Table 11—

Dele "fuzes, T and P	132	82	65	"
Insert "fuzes, T and P	124	76	60	"
Dele "shells, Q.F., filled, shrapnel, 15-pr.	132	82	65	"
Insert "shells, Q.F., filled, shrapnel, 15-pr.	124	76	60	"
Insert "shot, B.L. or Q.F., case, 15 and 12-pr., Mark V	8	6	5	"

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Page 34, Table 12—

Against "Belts, waist, buff, Cavalry, pattern 1885 O.R."—

Dele "1 per cavalry sword other ranks," *insert* "all N.C. officers (except staff-serjeants), trumpeters, and shoeing smiths."

Dele "Frogs, buff, bayonet, G.S." } and detail.
"Knots, sword, buff"

Dele "Whistles, Infantry," *insert* "Whistles, Artillery."

Page 35, Table 13—

Against "Buckles, brass," *dele* "frog"
Dele "Buttons, brass"
"Hooks, brass, side, Cavalry, line"
"Loops, brass, waistbelt, Cavalry, pattern 1885" } and detail.
"Straps, buff, frog"
Against "Pieces, leather, buff," *dele* "3-inch × ½-inch (for sword knot)"

Page 39, Table 17—

Against "Pickers, hoof," *dele* "detail," and *insert* "1 per mounted man."

Pages 42 and 43, Table 20—

Dele "Key, apparatus, adjusting, running out springs Q.F. 15-pr.," *insert* "Spanner, buffer, and apparatus, running out springs Q.F. 15-pr. *g*."

Insert "Spanner, gland, and stuffing box *h* .. .. | 1*i* | — | — | — | — | — | 1*i* | — | — | 3 | 3 |"

Against "Spanners, No.," *dele* "233," and *insert* "237."

Insert footnotes—

"*g* To replace 'Keys, hydraulic buffer,' as they become unserviceable."
"*h* To replace 'Keys, hydraulic buffer,' and 'Keys, breech apparatus,' as they become unserviceable."
"*i* 1 per section."

Page 44, Table 22—

Insert "Miscellaneous stores *d* .. .. .. | 30 | 0 | — | — | — | — |"

Insert footnote, "*d* per battery."

Page 46, Table 25—

Dele "Axes, felling, curved helve .. | — | 1 | 1 | — | 1 | — | — | 1 | — | 3 | 2 |"
Insert "Axes, felling, curved helve .. | — | — | 1 | — | 1 | — | — | — | — | — | — |"

Pages 50 and 51, Table 27—

Dele "Couples, trace .. .. .. | 2 | 2 | 2 | 2 | 2 | 2 | — | 2 | 2 | — | 18 | 16 |"
Insert "Couples, trace .. .. .. | — | — | 2 | 2 | 2 | 2 | — | — | — | — | — | — |"

Against "Drivers, screw, 4-in.," *dele* letter "*m*."

Against "Grindstones" *dele* "24-in. *b*" } and detail.
Dele "Knives, clasp"

Dele "Spanners, McMahon, 15-in. | — | 1 | 1 | 1 | — | — | — | — | 1 | — | — | 6 | 6 |"
Insert "Spanners, McMahon, 15-in. .. | — | 1*n* | — | 1 | — | — | — | — | 1*n* | — | — | 3 | 3 |"

Dele footnote "*b*." *Insert* footnote "*n* 1 per section."

Pages 52 and 53, Table 27—

Dele "Jacks, lifting, G.S. .. .. | — | 1 | — | — | — | — | — | — | 1 | — | 4*a* | 4*b* |"
Insert "Jacks, lifting, G.S. .. | — | 1*k* | — | — | — | — | — | — | 1*k* | — | 6*a* | 6*b* |"

Dele "Locks, pad," and detail.

Dele "Glycerine, 2nd quality lbs. | — | — | — | — | — | 84 | — | — | — | — | — |"
Insert "Glycerine, 2nd quality " | — | — | — | — | — | 84 | — | — | — | 10 | 10 |"

Against "Grease, *dele* "Field's," and *insert* "lubricating."

Dele "Carriers, ammunition," and detail.

Against "Pockets," *dele* "lanyards, Q.F. 15-pr.," and detail.

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Pages 52 and 53, Table 27—

Dele footnote "*a* 1 carried as convenient," *insert* "*a* 3 carried as convenient." *Dele* footnote "*b* 2 carried as convenient," *insert* "*b* 4 carried as convenient."

Insert footnote "*k* 1 per section."

Page 55. *After* "Keys"—

Insert "Spanner, filling and air plug *b* .. | 1 | — | — | — | — | — | — | 1 | — | — | 6 | 6 | "

Dele "Covers, muzzle, Q.F. 15-pr.," *insert* "Covers, muzzle, No. 1, B.L. or Q.F. 12 and 15-pr. and Q.F. 2·95-inch."

Insert footnote "*b* To replace 'Keys, breech apparatus,' as they become unserviceable."

Pages 56 and 57, Table 27—

Dele "Lashings; tarred, 1 in. × 10 ft.	..	3*a*	..	..	..	..	..	..	3*a*	..	3	3	"
Insert "Lashings, tarred, 1 in. × 10 ft.	..	1*a*	..	..	..	..	..	..	1*a*	..	1	1	"
Dele "Fuzes, time and percussion 20 seconds, No. 58	32	100	..	..	..	..	..	32	100	..	492	392	"
Insert "Fuzes, time and percussion 20 seconds, No. 58	28	96	..	..	..	..	..	28	96	..	456	360	"
Dele Shells, Q.F., filled, shrapnel, 15-pr... ..	32	100	..	..	..	..	..	32	100	..	492	392	"
Insert "Shells, Q.F., filled, shrapnel, 15-pr... ..	28	96	..	..	..	..	..	28	96	..	456	360	"
Dele "Shot, Q.F. case *f* ..	4	4	..	..	..	..	..	4	4	..	..	..	"
Insert "Shot, B.L. or Q.F. case, 15 and 12-pr., Mark V	4	4	..	..	..	..	..	4	4	..	36	32	"

Dele footnote "*f*."

Page 59—

Insert: "*Woolwich Section No.* 27.

"Chamois, leather	–	–	–	–	–	–	1	–	–	–	1	1	For cleaning telescopes, carried as convenient.'

Dele "Boxes, section of fuzes, Q.F. 15-pr.," and detail.

Against "Fuzes" *dele* "section, time and percussion," and detail.

At end of footnote "*c*," *dele* "Part I, Equipment Regulations." *Insert* "the Mekometer Handbook, also Regulations for Magazines, and Care and Preservation of War Matériel."

Page 61. *After* "Leathers, &c."—

Insert "Packing, hydraulic, $\frac{3}{8}$ in. × 27 in. long .. .. lengths | 6 | 6 | "

Page 64, Table 30—

Against "Books 158, 183, and 281," *dele* "*" and *insert* "*a*."

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Equipment
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REGULATIONS

FOR THE

EQUIPMENT OF THE REGULAR ARMY.

PART 2.—SECTION XIb.

ROYAL FIELD ARTILLERY DETAILS.

1—Brigade Division Staffs. 2—Service Batteries.

Q.F., 15-pr. EQUIPMENT.

WAR OFFICE, 1901.

LONDON:
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BY HARRISON AND SONS, ST. MARTIN'S LANE.
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PART 2.

SECTION XIb.—ROYAL FIELD ARTILLERY (Q.F. 15-pr.

SPECIAL INSTRUCTIONS AND DETAILS

I.—SPECIAL INSTRUCTIONS.

II.—DETAILS OF EQUIPMENT.

I.—SPECIAL INSTRUCTIONS.

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I. EQUIPMENT OF BRIGADE DIVISION STAFFS AND BATTERIES.

Details for batteries, etc.

1. Details of the equipments of brigade division staffs and batteries for Field Service and for use in peace will be found on pages 26 to 63.

2. The equipment for Brigade division staffs will be drawn by one of the batteries in each brigade division.

Batteries to be in possession of complete war equipment.

3. Batteries are at all times to have in possession their complete war equipment, on the scale laid down in "war establishments."

Explanation of the terms, "Peace equipment" and "Mobilization equipment in charge of the unit."

4. The equipment of a battery is divided under two headings :—

(a.) *Peace Equipment.*—That which is required by the battery for use in peace, according to its peace establishment of men and horses.

(b.) *Mobilization Equipment in charge of the unit.*—That which is required to complete the equipment of the battery when raised from a peace to a war establishment.

Method of accounting for stores.

5. The stores will be held on charge in the Battery Equipment Ledger, the peace equipment in the first part, and the mobilization equipment in charge of the unit in the second part.

Rendition of account.

6. The account will be balanced and rendered as laid down in Appendices I and II, Equipment Regulations, Part I, and not when the mobilization equipment in charge of the unit is handed over to a relieving battery.

Ammunition in mobilization equipment in charge of the unit.

7. The following instructions are to be observed with regard to ammunition in mobilization equipment in charge of the unit, viz.:—

The cartridges will be stored in special cases, the fuzes and shells grouped according to age and date.

Ammunition should never be taken out of store except on mobilization, or to replenish peace equipment. On no account should ammunition which has been in battery use be returned to mobilization equipment in charge of the unit.

Used articles of harness or saddlery placed in mobilization equipment in charge of the unit to be exchanged.

8. Any articles of harness and saddlery which have been used as peace equipment by batteries on the higher establishment, when taken over by a battery on the lower establishment, should be placed in mobilization equipment in charge of the unit, but they should be exchanged for new at the earliest opportunity. Commanding Officers will ascertain periodically from the Chief Ordnance Officer whether new articles are available, or can be obtained, to meet such exchanges. On receipt of the new stores, they should be placed in mobilization equipment in charge of the unit, and the part worn articles returned to the Army Ordnance Department for disposal.

9. Further instructions regarding mobilization equipment are contained in Equipment Regulations, Part I.

Camp equipment for annual course of instruction of batteries.

10. To enable batteries to carry out the annual course of military training laid down in the Field Artillery Drill, 1896, the issue of a complete set of camp equipment for one battery will be made from local ordnance store to each brigade division (or in the case of single battery stations, each station) serving in the district, it being con-

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sidered undesirable that the articles belonging to the mobilization equipments in charge of units should be used for the purpose.

11. The stores required should be demanded under the orders of lieutenant-colonels commanding brigade divisions, who will detail the battery to demand, and arrange the sequence in which the equipment is to be handed over from one battery to another. The equipment when no longer required should be returned to Army Ordnance Department by the last battery using it, on the same vouchers as it was originally drawn. **Lieutenant-colonels to order, demand, and arrange sequence, &c.**

12. Local arrangements must be made to ensure that the complete equipment of the battery in every respect is available, and correctly packed. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district. **Completeness and correctness of equipment to be ensured.**

13. The general scale of equipment for standing camps and manœuvres should be demanded in accordance with the scale laid down in Equipment Regulations, Part I. **Camp equipment.**

II.—MARKING OF EQUIPMENT.

14. Camp kettles and water-buckets belonging to the peace equipment of batteries will be marked in black paint with the letters "R.F.A." in front, and in rear with the letter of the sub-division and battery number, thus, **Marking equipment.**

$$\frac{\text{"D"}}{10}$$

Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand to chief ordnance officers of districts, who will arrange for necessary promulgation to the batteries, &c., requiring them.

Bags, kit, R.A., and picketing gear will also be similarly marked, but on the end.

15. Detailed instructions for marking vehicles and equipment will be found in Equipment Regulations, Part I.

III.—REPAIRS.

16. Battery commanders are responsible that their equipment is at all times in a serviceable condition. The examination and repair of equipment should be carried out by battery artificers so far as may be possible. When special tools or appliances are required, which are not available with the battery, the battery artificers should be sent, together with the material requiring repair, to the nearest army ordnance department workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair. Any implements, &c., of this equipment required in carrying out a repair should accompany the battery artificers. **Examination and repair of equipment.**

Special tools for the repair of field artillery equipment have been issued to the army ordnance workshops at Aldershot, Colchester, Curragh, Devonport, Dover, Haulbowline, Portsmouth, and Tynemouth.

17. Applications for the inspection or repair of equipment which cannot be carried out by battery artificers should be addressed to chief ordnance officers of districts.

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IV.—RETURNS.

Returns relating to Artillery Matériel, &c.

18. A.F. G 1085 (return of stores due to batteries from Army Ordnance Department) should be rendered quarterly by batteries, and forwarded to the Principal Ordnance Officer, Woolwich, on the 1st March, 1st June, 1st September, and 1st December in each year. Only stores 3 months in arrear at date of return will be included.

Returns of field ordnance equipped.

19. When any deficiencies are noted by the officer commanding Royal Artillery upon the annual returns of rifled field ordnance equipped, the chief ordnance officer should note on such returns the steps that have been taken to supply the equipments required to complete the batteries.

Ordnance on R.A. charge.

20. Ordnance on Royal Artillery charge will be included in the Annual Return A.F. G 872, rendered on the 1st June by officers commanding Royal Artillery districts in accordance with the King's Regulations.

V.—REGULATIONS FOR THE INSPECTION OF ORDNANCE.

1. General Instructions.

Examination of ordnance by I.O.O.

21. When guns require examination the officer commanding will submit A.F. G 875, with the memorandum of examination, to the chief ordnance officer, who will make arrangements for the examination to be carried out by the inspecting ordnance officer or by the inspector of ordnance machinery. The inspector will make two copies of this form; and on the completion of the examination will enter the sentence on and sign all three. He will pass the original direct to the officer in charge of the gun for transmission to the officer commanding Royal Artillery: the other two copies, with impressions, except in obviously trivial cases, will be forwarded by the chief ordnance officer direct to the chief inspector, Woolwich. The chief inspector, Woolwich, will enter the final sentence, retain one copy, and return the other to the chief ordnance officer, who will retain it after passing to the officer commanding Royal Artillery to note. In the event of the gun being serviceable, the "memorandum of examination" will be returned by the inspector direct to the officer in charge of the gun; if unserviceable he will forward it with the impressions to the chief inspector, Woolwich, who will return it after final sentence through the chief ordnance officer.

At home where there is no I.O.O.

22. In districts at home in which there is no inspecting ordnance officer or inspector of ordnance machinery the chief ordnance officer will forward the requisitions to the chief inspector, Woolwich, who will arrange for the examination to be carried out, and if necessary send an examiner to the station.

Examination of spare parts.

23. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the chief inspector, Woolwich.

VI.—TARGETS FOR GUN PRACTICE.

Land Ranges.

Targets for land ranges.

24. Exceptional arrangements exist for manufacture and supply of targets used by batteries at practice over the land ranges

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mentioned in the table at para. 25 (scales A, B, C, and D); the targets are of the pattern described in paragraph 9478 List of Changes in War Matériel, and together with the dummies and other stores are issued in special proportions (*vide* instructions for supply of stores to the various camps, for batteries of horse or field artillery).

VII.—GUN AMMUNITION FOR PRACTICE AND EXERCISE.

25. The annual proportion of gun ammunition for practice and exercise are as follows :— Gun ammunition

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Royal Field Artillery Batteries.

Articles.	Practice.						Annual exercise.	
	Scale A.	Scale B.	Scale C.	Scale D.		Scale E.		
	Land range at Okehampton, Q.F., 15-pr.	Annual, for batteries at Exeter and Bristol, practising at Okehampton, Q.F., 15-pr.	Annual, for all other stations in Great Britain land ranges.	Ireland, land range.		Colonial and foreign (6 guns)	Higher establishment battery.	Lower establishment battery.
				1st and 2nd year.	3rd year.	Annual.		
			Q.F., 15-pr	Q.F., 15-pr.	Q.F., 15-pr.	Q.F., 15-pr.		
Woolwich Section No. 22.								
Fuzes, time and percussion, 20 seconds, No. 58.. ..	715	432	198	378	358	283	..	..
Woolwich Section No. 22A.								
Cartridges, Q.F., 15-pr. filled	730	440	210	390	370	295	..	..
Cartridges, Q.F., 15-pr. blank	..	..	..	..	..	..	390	290
Shell, Q.F., filled, shrapnel, 15-pr.	715	432	198	378	358	283	..	..
Shot, Q.F., case *a*	15	8	12	12	12	12	..	..

a When pattern is settled.
N.B.—90 rounds of shrapnel shell and 90 rounds of blank ammunition are included in the above numbers for each unit for the dismissal of recruits.

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26. To ensure a proper "turn over" of ammunition, all ammunition fired at annual practice by batteries will be taken from their service equipment, that in peace equipment being used up first. Turnover of ammunition.

Further instructions regarding the turnover of ammunition are laid down in Equipment Regulations, Part I.

Demands to complete equipment will be put forward prior to departure of battery to practice, so that on return to station the ammunition may be in readiness.

In cases where batteries are to change stations after practice, the new station where the ammunition will be required should be clearly indicated on the demand.

27. Empty cartridge cases will be returned to store at the conclusion of practice.

28. Gun ammunition will be demanded on A.F. G 806. Requisitions. Any of the annual supply which has not been drawn by the end of the year (31st March) for which it is allowed will be forfeited.

29. In demanding fuzes and other laboratory stores supplied in sealed cylinders, the numbers given in the details of equipment will be adhered to as closely as possible; but full cylinders should always be demanded. Cylinders containing these articles will on no account be opened, unless their contents are required for immediate use. Supply of fuzes and laboratory stores. Cylinders not to be opened till wanted.

30. The hermetically sealed tin cylinders containing fuzes, issued to royal field artillery, will be marked by the battery, by scratching on them with a pointed implement the date on which they are received. Marking fuze cylinders.

Fuzes which have been in possession of the battery the longest time will be used first, without regard to the age of the fuze.

31. Immediately on the close of artillery practice each day, search will be made on the ranges for unexploded projectiles. Rewards will be paid for the recovery of projectiles in accordance with the Army Ordnance Regulations. Search for projectiles after artillery practice. Recovery of projectiles.

All fuzed shell will be destroyed where found, as laid down in Regulations for Magazines, etc. (*See* also para. 39.)

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VIII.—TEXT BOOKS, HAND BOOKS, AND RANGE TABLES.

Text and hand books.

32. Text books, hand books, and range tables are issued in the following proportions, and will be held on charge as laid down in Equipment Regulations, Part I.

Distribution.	Text Books, sets *a*	Handbooks. *b*	Range Tables.
Lieut.-Colonels commanding brigade divisions.	1	2 per nature of field gun in the division.	2 per nature of field gun in the division.
Batteries	–	1½ per nature of gun on charge.	1½ per nature of gun on charge.
Lecture rooms *c*	1	1 per nature of ordnance in the district.	1 per nature of ordnance in the district.
Gunnery Instructors *d*	1	Ditto	Ditto.

a The text books referred to comprise the following works:—"Treatise on Ammunition," "Treatise on Military Carriages," "Treatise on Service Ordnance," "Treatise on Service Explosives."

b The following are the handbooks referred to—

Handbook for nature of gun in use.
" of the Mekometer.

c For use of the Gunnery Instructor, but not to exceed one set per district except in special cases.

d At stations where there are no lecture rooms. At stations where a lecture room for R.A. exists, books will not be issued to the Gunnery Instructor, those in the lecture room being available.

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IX.—NECK COLLARS.

33. When neck collars are stored in mobilization equipment in charge of the unit, the sizes of the same should be in the following proportions :—

Unit.	No. of collars.		Percentage of sizes allowed per unit.							No. of each size allowed per unit.							
	To be held in mobilization equipment in charge of the unit to bring the unit up to normal war scale.	To be issued in addition to normal war scale when specially ordered.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	21 inch.	21½ inch.	22 inch.	22½ inch.	23 inch.	23½ inch.	24 inch.	Total per unit.
Brigade Division Staff R.F.A.	8	..	..	..	..	..		..	..	..	2	3	2	1	..	..	8
R.F.A. battery on higher peace establishment ..	40	..	4	17	24	24	23	6	2	1	7	10	10	9	2	1	40
	..	6								..	1	1	2	2	..		6
R.F.A. battery on lower peace establishment ..	60	..	4	17	24	24	23	6	2	2	10	14	14	14	4	2	60
	..	6								..	1	1	2	2	..	..	6

Sizes of neck collars.

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X.—HORSE SHOES.

Scale of horse-shoes.

34. On active service, all horses requiring shoes will be shod with machine-made shoes, which will be supplied according to the following scale, unless otherwise demanded :—

Royal Artillery.

Description.			No. per Cent. R.F.A. Batteries.
Shoes, horse, pairs	No. 4	fore	5
		hind	5
	No. 5	fore	18
		hind, without calkins	12
		hind, with calkins	6
	No. 6	fore	30
		hind, without calkins	9
		hind, with calkins	21
	No. 7	fore	24
		hind, with calkins	24
	No. 8	fore	7
		hind, with calkins	7
	No. 9	fore	8
		hind, with calkins	8
	No. 10	fore	8
		hind, with calkins	8

60 nails per set of shoes will be issued. Every horse will carry a fore and hind shoe, and sufficient nails in the shoe cases ; the other hind and fore shoe, as well as nails, will be carried regimentally.

XI.—SUPPLY OF STORES FOR THE REPAIR AND PRESERVATION OF EQUIPMENT.

Harness and Saddlery.

Staff of R.A. District.

35. The repair of saddlery allowed for the staff of Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Ordnance, Carriages, Projectiles, &c.

Reference to the detailed instructions.

36. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the "Regulations for Magazines and the Preservation of Artillery Matériel" for the guidance of officers of artillery in carrying out the services therein referred to and of army ordnance officers in supplying such materials and stores as may be from time to time required for performing the same.

Lubricants for wheels, &c.

37. The following proportions of lubricants will be allowed annually for wheels and for preservation of straps and leatherwork for travelling carriages :—

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Dubbing	batteries	without wagons, 1 lb. per gun	for straps and leatherwork.
	„	with „ 1½ lb. „	
Grease, Field's, *a*	3 lbs. per wheel		On certificate of commanding officer that they are in constant use.
	½ lb. „		When not in constant use.

38. As tin closing bands and bottoms of fuze cylinders are liable to become detached through jolting in the limbers, thus causing deterioration of the fuzes, a set of tinman's tools is supplied to each battery, and loose bands and bottoms should be refastened as soon as any such defect becomes apparent. Tinman's tools.

a Black grease will be used at all stations abroad, except British North America and St. Lucia.

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XII.—STORES FOR DESTRUCTION OF SHELLS.

39. A set of stores for the destruction of shells, as also such quantity of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the officer commanding Royal Artillery in camp :—

MATERIALS REQUIRED FOR EACH CHARGE.

Woolwich Section No. 2.

		No.
Bags, sand, common		4

Woolwich Section No. 21.

Guncotton	dry primers, H—1·25-in. × 1·25-in.	1
	wet slabs, T 6⅛-in. × 6⅛-in. × 1⅛-in.	4

Woolwich Section No. 22.

Detonators, electric, No. 13	1

STORES.

Articles.	No.	Remarks.
Woolwich Section No. 7.		
Cloth, emery, fine, ... sheets	2	Cleaning ends of wire.
Pliers, side-cutting, 7-inch, .. pairs	1	
Woolwich Section No. 18.		
Twine, choking, 3-thread, .. lbs.	1	Securing charge.
Woolwich Section No. 28.		
Exploders, dynamo-electric, quantity	1	
Knives, paring, telegraph jointers' ..	2	
Solution, india-rubber.. ½-lb. tins.	1	Repairing defective wire.
Tape, india-rubber, pure ¼-lb. „	2	
Woolwich Section No. 29.		
Wire, covered, C 8, ... yards	2,000	Old telegraph cable unfit for general issue would do if available.

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XIII.—SIGNALLING STORES.

40. Two signalling screens, complete with lashings, bracing lines and poles, are allowed to each battery practising over land ranges under Scale B, page 8. Proportion of screens, &c.

41. One "Screen, Manœuvre," will be supplied, on demand, to each battery. This screen will be held on charge, and accounted for as part of the battery equipment.

42. The following will be issued to the undermentioned stations for use of batteries, to be planted in the ground when a battery is in action to denote by the colour of the flag used what it is firing at (*see* "Infantry Drill") :—

Flags, musketry instruction,	red and white	1	per battery.
	white	1	
	poles....	2	

Stations.

Woolwich.	Hilsea.
Aldershot.	Strensall.
Shorncliffe.	Dublin.
Colchester.	Newbridge.

Salisbury Plain.

XIV.—MOBILIZATION STORE TABLES.

43. The following army form showing the war equipment to be held by brigade division staffs and batteries will be issued to officers concerned on demand being made for them to the chief ordnance officers of districts :—

No. of Army Form.	Unit.
	FIELD ARMY.
G 1098–25 ..	Battery of Royal Field Artillery, Q.F., 15-pr., and Brigade Division Staff.

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XV.—SETS OF TOOLS.

(*Referred to in Tables of Details.*)

CHEST, TOOL, FILLED, No. 10.

(Carriage, Smiths', R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 10	1
Braces, smiths', bits. countersink rose	1
Braces, smiths', bits. rimer, half-round	1
Braces, smiths', bits. rimer, square	1
Braces, ratchet, 9-inch	1
Braces, „ 12-inch drills, Nos. 1 to 11, sets	1
Callipers, 6-inch, pairs	1
Callipers, 4 „ inside, „	1
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × ¼-inch	1
Chisels, engraving	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Chisels, rivet head	1
Chisels, smiths', cold	1
Chisels, smiths', hot	2
Cutters, anvil, flat, smiths', 2-inch	1
Dividers, spring, 6-inch	1
Drivers, screw, G.S., 6-inch	1
Files, bastard, flat, 14-inch	2
Files, bastard, flat, 10 „	2
Files, bastard, ½-round, 12-inch	1
Files, bastard, ½-round, 8 „	1
Files, bastard, round, 10 „	1
Files, bastard, round, 6 „	2
Files, second cut, hand, safe edge, 6-inch	3
Flatters, smiths'	1
Fullers, bottom	1
Fullers, top	1
Hammers, fitters', 32-oz.	1
Hammers, „ 8-oz.	1
Hammers, smith', hand, 3-lb.	1
Handles, file, middling	2
Handles, file, small	1
Holders, rivet-head, small	1
Plates, screw, B.A. Standard	1

NOTE.—When the special tools issued to batteries with the equipment are used up, they will be replaced by service tools as detailed in these tables.

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Chest, Tool, filled, No. 10. (Carriage, Smiths', R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, side-cutting, 7-inch, ... pairs	1
Pokers, smiths'	1
Punches, centre, 4½-inch	1
Punches, round, ½-inch × 10-inch	1
Punches, smiths', hot, ½-inch	1
Punches, smiths', hot, ⅜ ,, ...	1
Rods, smiths', iron..	4
Rules, armament artificers', 1-foot	1
Rules, saddletreemakers'	1
Saws, cutting metal, 10-inch	1
Saws, ,, ,, blades, 10-inch	2
Scribers, ...	1
Slices, farriers	1
Snaps, hand riveting, $\frac{7}{16}$-inch	1
Snaps, hand riveting, ⅛ ,, ...	1
Squares, box, fitters', steel, 4-inch, graduated	1
Squares, fitters'	1
Squares, smiths', steel	1
Stocks, drill, bevel-wheel	1
Stocks, ,, ,, bits (set of 6), ... sets	1
Tongs, smiths', fore bit,.. .. .. pairs	1
Tongs, smiths', hollow bit, ... ,,	1
Tool, rounding	1
Travellers	1
Vices, hand, 16-oz...	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 26.	
Stones, rag..	2
Miscellaneous.	
Handbook, military artificers'	1

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Chest, Tool, filled, No. 10. (Carriage, Smiths', R.A., Field Service)—*continued.*

Articles.	No.
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.	
Woolwich Section No. 7.	
Tools, screw cutting, bolt and nut, R.A., field, Whitworth thread, ¾-inch to ⅜-inch, chests, filled	1
Detail.	
Chest, empty	1
Tools, screw cutting, Whitworth thread, — Plates, screws, ¾-inch and ⅝-inch ..	1
Tools, screw cutting, Whitworth thread, — Plates, screws, ½ „ „ ⅜ „ ..	1
Tools, screw cutting, Whitworth thread, — Taps, ¾-inch, plug	1
Tools, screw cutting, Whitworth thread, — Taps, ¾-inch, 1st turn	1
Tools, screw cutting, Whitworth thread, — Taps, ¾-inch, 2nd „	1
Tools, screw cutting, Whitworth thread, — Taps, ⅝ „ plug	1
Tools, screw cutting, Whitworth thread, — Taps, ⅝ „ 1st turn	1
Tools, screw cutting, Whitworth thread, — Taps, ⅝ „ 2nd „	1
Tools, screw cutting, Whitworth thread, — Taps, ½ „ plug	1
Tools, screw cutting, Whitworth thread, — Taps, ½ „ 1st turn	1
Tools, screw cutting, Whitworth thread, — Taps, ½ „ 2nd „	1
Tools, screw cutting, Whitworth thread, — Taps, ⅜ „ plug	1
Tools, screw cutting, Whitworth thread, — Taps, ⅜ „ 1st turn	1
Tools, screw cutting, Whitworth thread, — Taps, ⅜ „ 2nd „	1
Tools, screw cutting, Whitworth thread, — Wrenches, ¾-inch and ⅝-inch ..	1
Tools, screw cutting, Whitworth thread, — Wrenches, ½ „ „ ⅜ „ ..	1
Tools, screw cutting, Whitworth thread, — Oil, tip	1

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CHEST, TOOL, FILLED, No. 3F.

(Wheelers', R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 3	1
Adapters, brace	1
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Aprons, basil, brown	2
Augers, $1\frac{1}{4}$-inch	1
Augers, $1\frac{1}{16}$ "	1
Augers, 1 "	1
Augers, $\frac{7}{8}$ "	1
Augers, $\frac{5}{8}$ "	1
Augers, $\frac{1}{2}$ "	1
Augers, handles, 16-inch	1
Augers, handles, $13\frac{1}{2}$ "	1
Augers, handles, 12 "	1
Awls, blades, brad	12
Awls, handles, brad, large	2
Awls, handles, brad, small	2
Axes, hand, 3-lb.	1
Bags, tool, carpenters'	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits	1
Detail of bits:—	
Centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	—
Countersunk, flat	—
Countersunk, rose	—
Dowling sash	—
Gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Rimer, square	—
Screwdriver	—
Taper	—
Braces, smiths'	1
Callipers, 6-inch, pairs	1
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × $\frac{1}{4}$-inch	2
Chisels, firmer, coachmakers', $1\frac{1}{2}$-inch	1
Chisels, firmer, coachmakers', $1\frac{1}{4}$ "	1
Chisels, firmer, coachmakers', 1 "	1
Chisels, firmer, coachmakers', $\frac{3}{4}$ "	1
Chisels, firmer, coachmakers', $\frac{5}{8}$ "	1
Chisels, firmer, coachmakers', $\frac{3}{8}$ "	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	2
Chisels, mortice, $\frac{1}{4}$-inch	1

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Chest, Tool, filled, No. 3F. (Wheelers', R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Compasses, wing, 7-inch, ... pairs	1
Dividers, spring, 6-inch	1
Drifts, steel, round, $\frac{5}{16}$-inch	1
$\frac{7}{16}$,, ...	1
$\frac{9}{16}$,, ...	1
$\frac{11}{16}$,, ...	1
$\frac{13}{16}$,, ...	1
Drivers, screw, G.S., 14 ,, ...	1
6 ,, ...	1
Files, flat, 14-inch	1
half-round, 14-inch	1
bastard, round, 10 ,, ...	2
6 ,, ...	2
3-square 14 ,, ...	1
dead, smooth, hand, safe edge, 12-inch	1
saw, taper, second cut, single, $5\frac{1}{2}$-inch	4
4 ,, ...	4
Gauges, carpenters', marking	1
mortice	1
Gimlets, common, No. 1	1
,, 2	1
,, 3	1
Gouges, handled, firmer, 1-inch	1
$\frac{3}{4}$,, ...	1
$\frac{1}{2}$,, ...	1
pecking, 1 ,, ...	1
Hammers, fitters', 32-oz.	1
16 ,, ...	1
8 ,, ...	1
riveting, 24 ,, ...	1
smiths', sledge, 10-lb.	1
screw	1 *a*
handles, 36-inch	1
14 ,, ...	1
Handles, file, middling	2
small	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, ,, ...	1
Pencils, ,, ...	6
Pincers, ,, ... pairs	1
Planes, bead, $\frac{1}{4}$-inch	1
$\frac{3}{8}$,, ...	1
compass	1
jack, double iron	1
plough	1
smoothing, G.S.	1
rabbit, skew	1

a Will be replaced by spanner, McMahon, 12-inch, when existing stock is used up.

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Chest, Tool, filled, No. 3F. (Wheelers' R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, flat nose, ... pairs	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, centre, 4½-inch	1
Reels, carpenters', line	1
Rules, carpenters', common	1
Rules, saddletreemakers'	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, hand, 23½-inch	1
Saws, tenon, 14-inch	1
Screws, thumb	1
Scribers	1
Sets, saw, hand	1
Shaves, spoke, 3¼-inch	1
Shaves, spoke, 2½ „	1
Squares, carpenters', 9-inch	1
Stones, oil, carpenters'	1
Stones, oil, slip, Turkey	1
Tongs, wheeler, fitters', ... pairs	1
Woolwich Section No. 11.	
Chalk, white, ... lbs.	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Miscellaneous.	
Handbook, military artificers'	1

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CHEST TOOL, FILLED, No. 5A.

(Collarmakers' and Saddlers'.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4-inch	3
Awls, blades, buckling, $2\frac{3}{4}$,,	3
Awls, blades, drawing	2
Awls, blades, garnishing, $2\frac{1}{4}$-inch	2
Awls, blades, garnishing, $1\frac{7}{8}$,,	2
Awls, blades, harness, $1\frac{7}{8}$-inch	3
Awls, blades, harness, $1\frac{3}{4}$,,	4
Awls, blades, harness, $1\frac{5}{8}$,,	4
Awls, blades, harness, $1\frac{3}{8}$,,	4
Awls, blades, harness, $1\frac{1}{4}$,,	3
Awls, blades, pannel, $5\frac{3}{4}$,,	2
Awls, blades, pannel, 4 ,,	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	1
Clams, collarmakers', pairs	1 *a*
Claws, nail	1
Compasses, common, 7-inch, pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common, No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 8 ,,	1
Hammers, riveting, saddle-seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 ,,	1
Irons, collar, 23 ,,	1
Irons, pricking, 12-stitch	1
Irons, pricking, 8 ,,	1
Irons, pricking, 5 ,,	1
Irons, seat, stuffing, 14-inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half-round	1
Knives, head	1
Lead, punching, collarmakers', 8-lb., pieces	1
Mallets, collar	1
Mallets, tinman's	1

a For war, an additional pair of these articles should be separately demanded. The pair of "pliers" should be carried in the chest and the pair of "clams" in the store wagon.

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Chest, Tool, filled, No. 5A. (Collarmakers' and Saddlers')—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Needles, collar, half-moon, 6½-inch	1
Needles, collar, half-moon, 5½ ,,	1
Needles, collar, half-moon, 4½ ,,	1
Needles, collar, packing, 1 ,,	2
Needles, collar, packing, 2 ,,	2
Needles, collar, packing, 3 ,,	2
Needles, collar, packing, 4 ,,	3
Needles, collar, packing, 5 ,,	3
Needles, collar, packing, 6 ,,	3
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers', sewing	100
Needles, saddlers', stitching	25
Palms, collarmakers'	1
Pincers, saddlers', pairs	1
Pliers, flat-nose, pairs	1 *a*
Punches, oval, No. 31	1
Punches, oval, ,, 30	1
Punches, oval, ,, 28	1
Punches, oval, ,, 27	2
Punches, oval, ,, 24	1
Punches, oval, ,, 23	1
Punches, oval, ,, 22	2
Punches, oval, ,, 20	2
Rasps, shoemakers', 10-inch	1
Rules, collarmakers', 4-fold	1
Scissors, tailors', pairs	1
Shaves, collarmakers',	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
Tools, edge, ,, 2	1
Tools, edge, ,, 3	1
Woolwich Section No. 26.	
Stones, rag	1
Stones, rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for :—	
Woolwich Section No. 7.	
Cards, towing, small, pairs	1 *b*

a *See* footnote *a* on page 22.

b Towsing cards will not be issued unless specially demanded. When issued to batteries they will be carried in the limber of forge wagon.

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CHEST, TOOL, FILLED, No. 7.

(Forge and Shoeing Tools.)

Articles.	No.
Forge Tools (1 set).	
Woolwich Section No. 7.	
Chests, tool, empty, No. 7	1
Chisels, farriers', handled	1
Cresses, No. 1, Mark II.	1
Cresses, No. 2	1
Cutters, anvil, flat, smiths' 2-inch	1
Cutters, anvil, half-round, farriers'	2
Cutters, anvil, nail, farriers'	1
Fullers, farriers', handled	1
Hammers, farriers', pointing	1
Hammers, farriers', sledge, 9½ lb.	1
Hammers, farriers', turning, Mark III	1
Pokers, smiths'	1
Pritchels, farriers'	3
Slices, farriers'	1
Stakes, farriers'	1
Stamps, farriers'	2
Tongs, farriers', fire, pairs	1
Tongs, farriers', turning, large, ,,	1
Tongs, farriers', turning, medium, ,,	1
Tongs, farriers', turning, small, ,,	1
Shoeing Tools (1 set).	
Aprons, basil, white	1*a*
Bags, tool, farriers'	1
Buffers, farriers'	1
Hammers, farriers', shoeing	1
Knives, drawing, farriers'	2
Knives, searching ,,	1
Pincers, farriers', pairs	1
Rasps ,, 16-inch	2
Stones, rag, farriers'	1

a An additional apron will be allowed for each man undergoing instructions as shoeing smith.

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DETAILS OF EQUIPMENT.

ROYAL FIELD ARTILLERY.

(Q.F., 15-pr.)

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BRIGADE DIVISION STAFFS.

Arms.

TABLE 1.	War Equipment.	Peace Equipment.	Remarks.
Weedon Section.			
Pistols, Webley, ...	13	—	
Pistols, Webley, rods, cleaning, L.S.	13	—	
Scabbards, sword, Cavalry, pattern 1899, Mark I	4	3	
Swords, Cavalry, pattern 1899	4	3	

Accoutrements.

TABLE 2.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bags, kit, mounted service	13	3	
Belts, waist, buff, Cavalry, pattern 1885, S.S...	2	2	
Belts, waist, buff, Cavalry, pattern 1885, O.R.	2	1	
Belts, waist, buff, Field Artillery, dismounted and drivers', with plate ..	9	—	
Bottles, water, enamelled, L.S.	13	3	
Cases, brown, pistol, L.S...	13	—	
Handcuffs, common *a*, ... pairs	1	—	
Knots, sword, buff, G.S.	2	2	
Knots, sword, buff, Cavalry, line, O.R.	2	1	
Lanyards, pistol	13	—	
Pouches, ammunition, brown, pistol, Infantry	13	—	
Straps, buff, water-bottle, mounted services	13	3	

a Carried in A. and S. wagon, R.A.

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Musical Instruments.

TABLE 3.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 1.			
Bugles	1	1	
Strings, bugle and trumpet, Royal ..	2	2	
Trumpets	1	1	

Saddlery and Harness. *a*

TABLE 4.	War Equipment.	Peace Equipment.	Remarks.
SADDLERY.			
Woolwich Section No. 5.			
Officers', public, R.A., ... sets	1	1	For Adjt.
Woolwich Section No. 6.			
Universal, R.A., steel arch, pattern 1890, ... sets	2	2	
HARNESS.			
Woolwich Section No. 5.			
Pole, draught, R.A. lead, single, sets	4	—	
wheel, ,, ,,	2	—	
G.S., R.A. (shaft draught) wheel near, ,, ,,	1	—	
off, ,, ,,	1	—	

a For details of sets of saddlery and harness, *see* Appendix VIII*b*, Part I, Equipment Regulations.

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Harness and Saddlery.

TABLE 5.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 5.			
Reins, driving, long, ... sets	1 *a*	—	
Rings, clip..	4 *a*	—	
Straps, back	2 *a*	—	
Whips, driving	1 *a*	—	

a Provided in order that the ammunition and store wagon, R.A., may be driven from the box if required.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 6.	War Equipment.	Peace Equipment.	Remarks.
HARNESS AND SADDLERY.			
Woolwich Section No. 5.			
Bags, nose, G.S.	18 *a*	3	
Brushes, harness, hard	4	—	
Brushes, horse	14	3 *b*	
Combs, curry	14	3 *b*	
Pickers, hoof	10	3	
Sacks, corn, 4-bushel, canvas	4 *a*	—	
Scissors, trimming, ... pairs	2	—	
Sponges, 7-drachms	41	9 *b*	

a Includes 2 spare.
b Annual supply.

Carriages.

TABLE 7.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 4.			
Carts, Maltese, Mark V*	1	..	For medical equipment.
Covers, cart, Maltese	1	—	
Covers, wagon, G.S., Mark IV ..	1	—	

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Carriages—*continued.*

TABLE 7—*continued.*	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 4—continued.			
Pins, linch. 3rd class, .. (spare)	1	—	
Washers, drag, 3rd class, "B" ,,	1	—	
Woolwich Section No. 13.			
Hoops, bale, wagon, ammunition and store, R.A., ... sets	1	—	
Pins, linch, 2nd class, Mark II, (spare)	1	—	
Raves, wagon, ammunition and store, R.A., ... pairs	1	—	
Swingletrees, No. 10A, .. (spare)	1	—	
Wagons, ammunition and store, R.A. ..	1	—	
Washers, drag, 2nd class, "C," Mark II, ... (spare)	1	—	

Camp Equipment.

TABLE 8.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 2.			
Axes, felling, curved helve	2	—	
Axes, pick, heads, 6½ lbs.	2	—	
Axes, pick, helves, 34½-inch ..	2	—	
Bags, picketing, gear	2	—	
Boxes, candle, F.S.	2	—	
Boxes, stationery, field	2 *a*	—	
Buckets, water, G.S., leather	3	—	
Cords, forage	16	—	
Hooks, bill	2	—	
Hooks, reaping, large	2	—	
Kettles, camp, oval, 12-quarts	3	—	
Lanterns, tent, folding	2	—	
Mallets, heel peg and small picket ..	3	—	
Nets, forage, ... pairs	16	3	
Pads, surcingle, Mark II	11	3	

a The army forms, books, and stationery are a Stationery Office supply, and should be demanded accordingly.

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Camp Equipment—*continued.*

TABLE 8—*continued.*	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 2—continued.			
Pegs, picketing, with rope loop — for heel ropes ..	16	3	
Pegs, picketing, with rope loop — ,, built-up ropes ..	8	2	
Ropes, head, hemp, with ring.. ..	16	3	
Ropes, heel	18 *a*	3	
Ropes, picketing, 4-feet 9-inches ..	17 *b*	3	
Rugs, horse, large..	1	—	
Shovels, universal	2	—	
Spades, N.P.	2	—	
Tents, complete, circular, single linen ..	7 *c*	—	
Woolwich Section No. 27.			
Blankets, G.S.	13 *c*	..	1 per N.C.O. and man.

a Includes 2 spare.
b Includes 1 spare.
c Only issued when specially ordered.

Ordnance and General Stores.

TABLE 9.	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 3.			
Stretchers, ambulance, Mark I	3	—	
Woolwich Section No. 5.			
Brushes, water, carriage	2	—	
Couples, trace	2	—	

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Ordnance and General Stores—*continued.*

TABLE 9—*continued.*	War Equipment.	Peace Equipment.	Remarks.
Woolwich Section No. 10.			
Nails, iron, horse shoe (*see* **Shoes,** horse)	—	—	
Shoes, horse *a*, ... sets (spare)	16 2 *b*	3 —	
Woolwich Section No. 11.			
Grease, Field's, ... lbs.	9	—	
Woolwich Section No. 18.			
Cordage, spun-yard, hemp, 3-thread, tarred, ... lbs.	10	—	
Lashings, tarred, 32-feet, (spare)	2	—	
1½-inch, 16 ,, ,,	4	—	
Ropes, drag, light, G.S., ... pairs	2	—	
Woolwich Section No. 23.			
Cartridges, small-arm, ball, pistol, Webley, cordite, Mark II	204	—	1 complete box will be issued.
Woolwich Section No. 25.			
Boards, inventory	2	—	
Knives, opening tins	2	—	
Woolwich Section No. 29.			
Mekometers, Artillery, horse and field, with appurtenances, complete sets (spare)	1	—	

a To be stored in the following sizes :—

	No. 3.	No. 4.	No. 5.	No. 5, with calkins.	No. 6, with calkins.	No. 7, with calkins.	No. 8, with calkins.
Shoes, horse, sets	3	4	2	1	3	3	2

One spare set of shoes, with nails, for each horse; of these, a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, and the remainder in ammunition and store wagon.

b Provided in order that horses joining on mobilization may be re-shod if necessary.

NOTE.—A reserve box of Veterinary Stores will be supplied to each Brigade Division Staff on mobilization by Army Veterinary Department.

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SERVICE BATTERIES.

Arms.

TABLE 10.	General Proportions.
Weedon Section.	
Carbines, M.M., Artillery, Mark II ..	12 per battery.
Pistols, Webley, *a b*	1 per staff-serjeant *d* and 1 per driver.
Pistols, Webley, *a b* rods, cleaning, L.S. ..	1 per pistol.
Pull throughs, ...	1 per carbine.
Pull throughs, double	1 per battery (with 2 spare cords and gauzes).
Reflectors, mirror *c*	1 per battery.
Scabbards, sword-bayonets, M.H. Carbine	1 per sword bayonet.
Scabbards, sword, Cavalry, pattern 1899, Mark I	1 per Cavalry sword.
Sword-bayonets, M.H. Carbine ..	1 per collarmaker, wheeler, and gunner.
Swords, Cavalry, pattern 1899 *a* ..	1 per N.C. officer, trumpeter, shoeing smith, and acting bombardier.

a 9 Cavalry swords are allowed for acting bombardiers. If any gunners or drivers act as bombardiers, their bayonets, or pistols with cleaning rods, are spare.

b 25 per cent. of the normal war establishment are allowed for use in peace for instructional purposes, &c.

c For examining interior of barrels.

d Battery serjeant-majors and battery quarter-master-serjeants only.

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Ammunition.

TABLE II.

	Complete Normal War Equipment.	Peace. Higher Establishment Battery.	Peace. Lower Establishment Battery.	Remarks.
GUN.				
Rounds, per gun, cartridges, Q.F. filled, 15-pr. ..	132	82	65	
Rounds, per gun, fuzes, T and P	132	82	65	
Rounds, per gun, practice	..	..	..	*See* para. 25, page 7.
Rounds, per gun, saluting	..	50	50*a*	
Rounds, per gun, shells, Q.F., filled, shrapnel, 15-pr.	132	82	65	
SMALL ARM.				
Cartridges, small-arm, ball, ·303-inch, for service	..	..	..	20 rounds per carbine.
Cartridges, small-arm, ball, ·303-inch, cordite, ,, practice	..	..	..	*See* Part 1, Equipment Regulations.
Cartridges, small-arm, ball, pistol, Webley, for service, Mark II ..	..	..	..	24 rounds per pistol, including officers' *b*
Cartridges, small-arm, ball, pistol, Webley, cordite, ,, practice, Mark III ..	..	..	..	*See* Part 1 Equipment Regulations.
Cartridges, small-arm, blank, ·303-inch..	..	..	..	*See* Part 1 Equipment Regulations.
Cartridges, small-arm, blank, pistol, Webley	..	..	..	*See* Part 1 Equipment Regulations.
Puffs, powder, 4-oz.	..	50	50	Annual allowance.
Tubes, friction, copper, solid drawn, special ..	..	60	60	Annual allowance.

a 4 guns only.
b Of these, 12 rounds for each pistol in peace equipment will be held in battery charge, the remainder in mobilization equipment in charge of the unit.

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Accoutrements.

TABLE 12.	General Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks—1 each, "Peace" or "War,"
Belts, waist, buff, — Cavalry, patt. '85, S.S.	1 per staff-serjeant.
Belts, waist, buff, — Cavalry, patt. '85, O.R.	1 per Cavalry sword other ranks.
Belts, waist, buff, — Field Artillery, dismounted and drivers' with plate	1 per collarmaker, wheeler, gunner and driver.
Bottles, water, enamelled, L.S... ..	1 per N.C. officer and man.
Cases, brown, pistol, L.S.	1 per pistol.
Frogs, buff, bayonet, G.S.	1 per sword-bayonet.
Handcuffs, common *a*, ... pairs	2 per battery.
Knots, sword, buff — G.S. ..	1 per staff-serjeant.
Knots, sword, buff — Cavalry, line, O.R.	1 per Cavalry sword other ranks.
Lanyards, pistol	1 per pistol.
Pouches, ammunition — black-japanned, Artillery	1 per carbine.
Pouches, ammunition — brown, pistol, Infantry..	1 per pistol.
Slings, carbine, buff, Artillery *b* ..	1 per carbine.
Straps, buff, water-bottle, mounted services	1 per waterbottle.
Whistles, Infantry	1 per staff-serjeant and serjt

a Carried in Store Wagon.
b When existing stock is used up, "slings, rifle, web, G.S.," will be issued.

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Articles for Repair of Accoutrements.

TABLE 13.

	Per Battery. War. — 3 months' supply.	Peace. — Annual Supply. Higher Establishment.	Peace. — Annual Supply. Lower Establishment.	Remarks.
Woolwich Section No. 1.				
Billets, buff, waist-belt, Cavalry, line, all ranks, without buckles	..	1	1	
Buckles, brass, frog	..	1	1	
Buckles, brass, waist-belt, Cavalry, line	..	*a*	*a*	
Buckles, brass, waist-belt, Cavalry, patt. '85 ..	..	*a*	*a*	
Buckles, brass, waist-belt, Field Artillery	..	1	1	
Buttons, brass	..	1	1	
Chapes, waist-belt, Cavalry, patt. '85	..	*a*	*a*	
Hooks, brass, side, Cavalry, line	..	1	1	
Loops, brass, waist-belt, Cavalry, patt. '85	..	*a*	*a*	
Pieces, leather, buff, 5½ in. × ¾ in. (for Field Artillery waist-belt)	..	2	2	
Pieces, leather, buff, 4¼ in. × ¾ in. (for waist-belt safe, patt. '85)..	..	*a*	*a*	
Pieces, leather, buff, 3 in. × ½ in. (for sword knot)	..	1	1	
Safes, waist-belt, buff, Artillery	..	2	2	
Safes, waist-belt, buff, Cavalry	..	*a*	*a*	
Short parts, waist-belt, Cavalry	..	*a*	*a*	
Straps, buff, frog..	..	1	1	
FOR REPAIR OF "BOTTLES, WATER, ENAMELLED."				
Chains, with end rings	..	5	4	
Corks, complete, without chains	..	8	7	
Covers, water-bottle, enamelled..	..	16	14	

a 3 per cent. brass articles, and 5 per cent. leather.

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Musical Instruments.

TABLE 14.	General Proportions.
Woolwich Section No. 1.	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, Royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

Saddlery and Harness. *a*

TABLE 15.	Per Battery.				Remarks.
	War.		Peace.		
	Complete Normal War Equipment.	Additional, when specially ordered.	Higher Establishment.	Lower Establishment.	
Saddlery.					
Woolwich Section No. 5.					
Officers', public, R.A., sets	5	..	5	5	
Woolwich Section No. 6.					
Universal, R.A., steel, arch, pattern '90, .. sets	23	..	23	19	Traces, saddlery, are allowed at the rate of 2 pairs per carriage and ammunition wagon limber; carried on footboards.
Harness.					
Woolwich Section No. 5.					
Pole-draught, R.A. — lead, single, sets	62	4	40	26	
Pole-draught, R.A. — wheel, single, sets	40	2	22	16	

54 / Art. / 9557

a For details of sets of Saddlery and Harness, *see* Appendix VIII*b*, Part I, Equipment Regulations.

b In order to increase facilities for instruction in riding drill, sufficient stirrup irons, stirrup leathers, and stirrup leather runners may be taken from mobilization equipment to equip each "off" saddle in peace equipment.

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Harness and Saddlery.

TABLE 16.	Peace. Spare Per Battery. Higher Establishment.	Peace. Spare Per Battery. Lower Establishment.	War. Spare per Battery.	Remarks.
HARNESS AND SADDLERY.				
Woolwich Section No. 2.				
Ropes, head, hemp, with ring	6	4	..	
Woolwich Section No. 5.				
Bits, portmouth, reversible, Mark II heads,	5	3	5	
Bits, portmouth, reversible, bridle	2	2	2	
Breechings *a*	1	1	1	
Chains, hame, with dee *a* ..	2	2	3	
Couples, trace	..	..	6	
Hames *a* .. .. pairs	3	3	3	
Hooks, pole, bar *a*	6	4	6	
Leggings, drivers' *a* ..	2	2	2	
Links, double *a*	4	4	4	
Pannels, numnah, drivers', Mark I, ... pairs	6	4	11	
Pans, oil	4	2	..	Annual supply.
Pieces, buckling, 1½-in. *b* ..	1	1	2	
Reins, bearing, Mark II *c*	2	2	4	
Reins, driving, long *d* sets	1	1	3	
Reins, side..	1	1	2	
Rings, clip *d*	4	4	12	
Straps, back *d*	2	2	6	
Straps, breast, breeching *a*	2	2	2	
Straps, flank	2	2	4	
Straps, hame	3	3	3	
Straps, pole *a*	6	4	6	2 per section.
Straps, wither, 1½-in. *e* ..	2	2	2	

a Special to pole draught, R.A.
b 1-inch will be issued when stock of 1½-inch is exhausted.
c One "leading rein" in lieu of 1 "bearing rein" per double set will be issued until store of former is exhausted.
d Provided in order that the Artillery, and ammunition and store wagons, R.A including that for tents, etc., may be driven from the box if required.
e 1-inch will be issued with "pieces, buckling, 1-inch."

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Harness and Saddlery—*continued.*

TABLE 16—*continued.*	Peace. Spare Per Battery. Higher Establishment.	Peace. Spare Per Battery. Lower Establishment.	War. Spare per Battery.	Remarks.
HARNESS AND SADDLERY—*continued.*				
Woolwich Section No. 5—continued.				
Traces, harness, short	9 *a*	8 *a*	12 *a*	
Traces, harness, wheel, .. pairs	1	1	1	
Whips, drivers'	4	3	6	
Whips, driving *b* ..	1	1	3	
Woolwich Section No. 6.				
Bits, bridoon	2	2	4	
Bits, port-mouth, chains, curb	6	4	6	
Bits, port-mouth, hooks, curb	12	8	12	
Blankets, saddle	2	2	2	
Collars, head, Mark III ..	3	2	3	
Girths, leather, patt. '84 ..	3	2	4	
Irons, stirrup, G.S. ..	..	..	36 *c*	
Leather, stirrup	..	..	36 *c*	
Runners, stirrup leather ..	..	..	36 *c*	
Straps, cloak, and wallet	2	2	2	
Straps, cloak, centre ..	..	..	2	
Straps, shoe case, pattern 1884	1	1	1	
Surcingles, leather, harness	2	2	2	

a 1 trace carried on the footboard of each carriage and ammunition wagon limber.
b Provided in order that the Artillery, and A. and S. wagons, R.A., including that for tents, &c., may be driven from the box if required.
c Additional for use on mobilization as required.

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Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 17.	General Proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse and 4 spare per battery *a*
Bridles, mouthing, bits	2 per battery *b*
Bridles, mouthing, heads, bridle ..	2 ,, ,, *b*
Bridles, mouthing, reins	2 ,, ,, *b*
Bridles, snaffle	Batteries on Higher Peace Establishment :—6 *b* Batteries on Lower Peace Establishment :—4 *b*
Brushes, harness, hard ..	1 per double set of harness.
Brushes, horse	1 per horse annually.
Cavisons	1 per battery *b*
Combs, curry	1 per horse annually.
Crosstrees	1 per battery *b*
Pickers, hoof	1 per driver, and ranks armed with Cavalry swords.
Rollers, breaking	1 per battery *b*
Sacks, corn, 4-bushel, canvas *c d*	1 per 12 horses and 12 spare.
Scissors, trimming, .. pairs	1 pair per 12 horses annually.
Sponges, 7-drachms	3 per riding horse, and 4 per draught horse annually.
Straps, kicking *e*	1 per battery.
Whips, hand	4 ,, *b*
Whips, longeing	2 ,, *b*

a For war, 8 spare are allowed per battery.
b For use in peace only.
c For "peace" or "war," carried in A. and S. wagons, R.A.
d The 5-bushel sacks now in possession should be continued in use for home service until stock is exhausted.
e Special to pole draught, R.A.

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HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery, including Saddletrees, are given in Appendix XIV, Part I, Equipment Regulations.

Materials for Preservation of Harness and Saddlery in Mobilization Equipment.

The following is allowed annually for mobilization equipment in charge of the unit, viz :—

TABLE 18.		Higher Establishment Batteries.	Lower Establishment Batteries.
Dubbing, ...	lbs.	2	$3\frac{1}{4}$
Linen, old, for cleaning, ...	,,	5	$8\frac{1}{4}$
Naphthaline	,,	4	4
Oil, rape, ...	qts.	7	$9\frac{3}{4}$
Soap, soft, ...	lbs.	25	36

Materials for Repair and Preservation of Equitation Articles.

TABLE 19.		Peace. Per Battery.	Remarks.
Woolwich Section No. 5.			Annual supply.
Sponges, 7-drachms		2	
Woolwich Section No. 6.			
Cord, whip, ...	ozs.	6	
Woolwich Section No. 11.			
Oil, rape, ...	pints	1	
Soap, soft, *a*	lbs.	5	
Woolwich Section No. 31.			
Linen, old (rags), ...	lbs.	$\frac{1}{4}$	

a Half a bar of yellow soap may be drawn in lieu of a lb. of soft.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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Carriages.

TABLE 20.

	Normal War Equipment.							Peace Equipment.				
		Wagons.							Wagons.		Per Battery.	
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 4.												
Covers, wagon, G.S., Mark IV	..	..	..	..	.	1 *a*	..	..	..	..	..	..
Ties, leather, linch pin	6	6	6	..	6	..	..	6	6	..	54	48
Woolwich Section No. 13.												
Bars, supporting draught pole, .. (spare)	1 *b*	..	..	2	..	..	5	1 *b*	..	..	3	3
Carriages, field, Q.F., 15-pr.	..	..	..	..	..	..	6	..	..	..	6	6
Carriages, field, Q.F., 15-pr., Fittings (Spare).												
gear, brake, ... sets	..	..	..	..	..	..	1	..	..	..	..	..
gear, elevating, ... ,,	..	..	..	1	..	..	1	..	..	..	..	..
buffer, hydraulic, ... ,,	..	..	..	1	..	..	1	..	..	..	..	..
levers, traversing	..	..	..	2	..	..	2	..	..	..	..	..
pins, linch, special	1	1	6	..	6	..	..	1	1	..	9	8
springs, running out, .. sets	..	..	..	5	..	..	5	..	..	..	..	..
washers, arm, axletree, large	2	2	..	..	..	..	..	2	2	..	18	16
washers, arm, axletree, small	2	2	..	..	..	..	..	2	2	..	18	16
washers, drag, special	1	1	1	1	..	..	..	1	1	..	9	8

a For baggage and tents, &c., wagons. *b* 1 per section.

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Carriages—*continued.*

TABLE 20.—*continued.*

	Normal War Equipment.							Peace Equipment.				
		Wagons.							Wagons.		PerBattery.	
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 13—continued.												
Key, apparatus, adjusting running-out springs Q.F., 15-pr.	..	..	..	2	..	..	..	..	..	..	2 *d*	2 *d*
Keys, hydraulic buffer, Q.F., 15-pr.	1	..	..	..	..	..	..	1	..	..	6	6
Spanners, No. 233..	..	..	..	..	1	..	..	..	..	..	..	..
Apparatus, adjusting running-out springs, Q F, 15-pr.	..	..	..	1	..	..	..	..	..	..	1 *d*	1 *d*
Covers, wagons, ammunition and store, R.A.	..	..	..	..	..	1 *a*	..	..	..	..	..	..
Covers, wagons, artillery	..	..	..	..	..	..	..	..	..	1	1	1
Covers, wagons, forge or store, Q.F., 15-pr...	..	..	1	1	..	..	..	..	..	..	..	..
Hoops, bale, wagon, sets ammunition and store, R.A. ..	..	..	..	..	..	1	..	..	..	..	..	..
Hoops, bale, wagon, sets artillery	..	..	..	..	..	..	..	..	..	1	1	1
Keys, flat, L head, securing linch pins, (spare)	3	3	3	..	3	..	..	3	3	..	27	24
Limbers, field, Q.F., 15-pr., carriage	..	..	..	..	..	..	6	..	..	..	6	6
Limbers, field, Q.F., 15-pr., wagon..	..	..	..	..	..	..	6	..	..	..	3	2
Limbers, wagon, spare wheels, Q.F., 15-pr ..	..	..	..	..	..	..	1	..	..	..	..	..
Pins, linch, 2nd class, Mark II, (spare) ..	..	..	..	..	..	1	..	..	..	..	..	..
Pins, linch, 2nd class, wagon, artillery, ,, ..	..	..	..	..	..	..	..	..	..	1	..	..
Poles, draught, jointed, ... ,, ..	..	..	..	..	..	..	3	..	..	..	1	1
Poles, draught, No. 7A, ... ,, ..	..	..	..	..	..	..	1 *b*	..	..	..	..	..
Raves, wagon, ammunition and store, R.A., pairs	..	..	..	..	..	1 *c*	..	..	..	..	..	..

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Straps, securing, 36 in. × 1½ in., (spare wheel)	..	..	..	..	..	..	4	..	..	..	..	..
Swingletrees, No. 10A, ... (spare)	1	1	1	1	..	1	..	1	1	1	10	9
Wagons, ammunition, and store, R.A. ..	..	..	..	..	..	..	3 *e*	..	..	..	..	..
Wagons, ammunition, Q.F., 15-pr. ..	..	..	..	..	..	..	6	..	..	..	3	2
Wagons, artillery	..	..	..	..	..	..	..	..	..	..	1 *f*	1 *f*
Wagons, forge, Q.F., 15-pr.	..	..	..	..	..	..	1	..	..	..	..	..
Wagons, store, Q.F., 15-pr.	..	..	..	..	..	..	1	..	..	..	..	..
Wagons, spare wheels, Q.F., 15-pr.	..	..	..	..	..	..	1	..	..	..	..	..
Washers, drag, 2nd class, "C," Mark II, (spare)	..	..	..	..	..	1	..	..	..	..	..	..
Washers, drag, wagon, artillery, .. ,,	..	..	..	..	..	..	..	..	..	1	1	1
Wheels, 2nd Class, "B," 28 *d* .. ,,	..	..	..	..	1	..	1	..	..	..	..	..
Wheels, 2nd Class, Q.F., 15-pr., ,,	..	..	..	..	4	..	..	..	..	..	..	..

a For supply wagon. *b* Carried on supply wagon. *c* For baggage and tents, &c., wagons. *d* Carried as convenient.
e One ammunition and store wagon (baggage) complete, will accompany the battery on change of station by march route, or on manœuvres, if required, and will be returned to mobilization equipment in charge of the unit on completion of the same. Includes a wagon for tents, blankets, and reserve rations for use when specially ordered.
f Until stock is exhausted—for fatigues, and is to be left behind on change of station.

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Tools for Painting Carriages, &c.

Triennial supply, during Peace only.

TABLE 21.	Per Battery.	Remarks.
Woolwich Section No. 5.		
Pans, oil	6	When a battery is placed on a war footing, the tools in possession may be retained until used up, but they will not be maintained in the field.
Woolwich Section No. 7.		
Brushes, sable, writing, duck, large	2	
Cans, paint, 7½ inches diameter	1	
Cans, paint, 7 " "	1	
Knives, palette, 9-inch.. ..	1	
Knives, putty	1	
Woolwich Section No. 25.		
Brushes, paint, *a* ground 0 0 0	1	
Brushes, paint, *a* sash, tool, No. 2	2	
Brushes, paint, *a* sash, tool, No. 4	1	
Brushes, paint, *a* sash, tool, No. 6	1	

a Supplied annually.

Materials for Painting Carriages, &c. *a*

Annual supply, during Peace only.

TABLE 22.	Paint Prepared. Khaki Colour.		Putty.		Mineral Jelly. *b*	
Woolwich Section No. 13.	lbs.	ozs.	lbs.	ozs.	lbs.	ozs.
Axletrees, arm points, &c.	..	..	..	..	3	0
Carriages, field, Q.F., 15-pr. *c* ..	5	8	..	..	..	..
Limbers, field, Q.F., 15-pr. ..	5	0	..	..	..	..
Poles, draught	0	8	..	..	..	..
Wagons, ammunition and store, R.A. ..	16	0	2	0	..	..
Wagons, " Q.F., 15-pr. ..	6	0	..	..	..	..
Wagons, spare wheels, with limber ..	10	0	..	..	..	..
Wagons, forge, Q.F., 15-pr., with G.S. forge	9	0	..	..	..	..
Wagons, store, Q.F., 15-pr.	9	0	..	..	..	..
Wagons, artillery	15	0	2	0	..	..
Wheels, 2nd class "B," No. 28.. ..	1	0	0	1	..	..
Wheels, 2nd class "C," No. 35 or 35A	1	8	0	2	..	..
Wheels, 2nd class "C," Q.F., 15-pr...	0	8	..	..	..	..

a For the carriages and other vehicles forming the mobilization equipment in charge of Batteries, the proportion of paint, &c., should only be issued when they actually require painting. *b* For coating bright parts.

c ¼ gill of raw linseed oil for side arms to each carriage.

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Time and Working Pay allowed for Scraping, Cleaning and Painting Carriages, &c. *a*

TABLE 23.	Scraping and Cleaning.				Painting.							
					Priming, or First Coat.				Stopping, or Second Coat.			
	Time.		Amount.		Time.		Amount.		Time.		Amount.	
Woolwich Section No. 13.	H.	M.	*s.*	*d.*	H.	M.	*s.*	*d.*	H.	M.	*s.*	*d.*
Carriages, field, Q.F., 15-pr., ...	3	0	0	3	7	30	0	$11\frac{1}{4}$	8	30	1	$0\frac{3}{4}$
Limbers, field, Q.F., 15-pr.	3	30	0	$3\frac{1}{2}$	7	30	0	$11\frac{1}{4}$	8	30	1	$0\frac{3}{4}$
Wagons, ammunition and store, R.A.	13	0	1	1	13	0	1	$7\frac{1}{2}$	17	0	2	$1\frac{1}{2}$
Wagons, „ Q.F., 15-pr.	3	0	0	3	9	0	1	$1\frac{1}{2}$	9	0	1	$1\frac{1}{2}$
Wagons, spare wheels, with limber	7	30	0	$7\frac{1}{2}$	15	0	1	$10\frac{1}{2}$	16	30	2	$0\frac{3}{4}$
Wagons, forge, Q.F., 15-pr., with G.S. forge ..	4	30	0	$4\frac{1}{2}$	12	0	1	6	12	0	1	6
Wagons, store, Q.F., 15-pr.	4	0	0	4	10	30	1	$3\frac{3}{4}$	11	0	1	$4\frac{1}{2}$
Wagons, artillery	13	0	1	1	13	0	1	$7\frac{1}{2}$	17	0	2	$1\frac{1}{2}$
Wheels, 2nd class "B," No. 28.	0	25	0	$0\frac{5}{12}$	0	40	0	1	0	45	0	$1\frac{1}{8}$
Wheels, 2nd class "C," Nos. 35, 35A, 36, or 42 ..	0	40	0	$0\frac{2}{3}$	0	50	0	$1\frac{1}{4}$	1	0	0	$1\frac{1}{2}$
Wheels, 2nd class Q.F., 15-pr.	0	30	0	$0\frac{1}{2}$	0	45	0	$1\frac{1}{8}$	1	0	0	$1\frac{1}{2}$
Pole, draught	0	30	0	$0\frac{1}{2}$	0	30	0	$0\frac{3}{4}$	0	45	0	$1\frac{1}{8}$

a See Part 1, Equipment Regulations.

Materials for Painting, and Time and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 24.	Khaki colour, each coat.		Lacquer, for bore, each coat.		Cleaning exterior and interior.				Painting exterior and lacquering interior, one coat.			
					Time.		Amount.		Time.		Amount.	
	lbs.	ozs.	lbs.	ozs.	H.	M.	*s.*	*d.*	H.	M.	*s.*	*d.*
Ordnance, Q.F., 15-pr.	0	7	0	2	2	0	0	2	0	30	0	$0\frac{3}{4}$

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Camp Equipment.

TABLE 25.

	Field Service.							Peace Equipment.					
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	General Proportions.
Woolwich Section No. 1.													
Bags, kit, R.A.	4	4	2	..	..	..	..	4	4	..	36	32	
Woolwich Section No. 2.													
Axes, felling, curved helve ..	..	1	1	..	..	1	..	..	1	..	3	2	
Axes, pick, heads, 6½-lbs. ..	1	1	1	2	1	1	..	1	1	..	9	8	
Axes, pick, helves, 34½-in. ..	1	1	1	2	1	1	..	1	1	..	9	8	
Bags, picketing gear ..	1	1	1	2 *a*	1	1	..	1	1	..	9	8	
Bars, crow, 5-ft. 6-in. ..	..	..	..	1	..	..	..	..	..	..	..	..	
Boxes, candle, F.S. ..	..	..	2	2	..	..	..	..	..	..	..	..	
Buckets, water, G.S., leather	1	1	1	1	1	2	..	1	1	.	9	8	
Cords, forage	..	..	..	..	..	..	..	..	..	..	..	..	1 per horse.
Covers, saddle *b*	..	..	..	..	..	..	..	..	..	..	..	..	1 per set of saddlery and harness.
Hooks, bill	..	1	..	..	..	1	..	..	1	..	3	2	
Hooks, reaping, large ..	..	..	..	24	..	2	..	..	..	..	..	..	
Kettles, camp, oval, 12-qts.	..	..	..	..	..	..	14 *c*	..	..	..	..	..	

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Lanterns, tent, folding..	..	..	2	2	..	..	..	..	..	..	..	..	
Lanterns, forge and store wagons, Q.F. 15-pr. ..	..	..	1	1	..	..	..	..	..	..	..	..	
Mallets, heel-peg, and small picket	2	2	2	2	2	2	..	2	2	..	18	16	2 per vehicle.
Nets, forage, .. pairs	..	..	..	..	..	..	131	..	..	..	90	66	1 pair per horse.
Nets, hay	..	..	..	..	..	..	..	..	..	..	..	..	1 per horse at home stations only when required.
Pads, surcingle, Mark II ..	..	..	..	..	..	..	130	..	..	..	90	66	1 per surcingle.
Panniers, grocery, G.S. ..	..	..	..	..	..	1	2	..	..	..	..	..	
Pegs, picketing, with rope loop: for heel rope ..	6	6	6	4	..	6	131*d*	6	6	..	90	66	1 per horse.
Pegs, picketing, with rope loop: for built up rope	3	3	3	2	..	3	66*e*	3	3	..	45	33	1 per 2 horses.
Racks, arm, tent	..	..	..	..	..	..	7*f*	..	..	..	2*g*	2*g*	
Ropes, head, hemp, with ring..	..	..	..	..	..	..	131	..	..	..	90	66	1 per horse.
Ropes, heel	1	1	..	..	..	..	151*h*	..	..	..	104	76	1 per horse and 15 per cent. spare.
Ropes, picketing, 4-ft. 9-in. ..	6	6	6	4	..	6	138*i*	6	6	..	95	69	1 per horse and 5 per cent. spare.
Rugs, horse, large *k* ..	..	..	..	..	..	.	7	..	..	..	4	3	5 per 100 horses.
Shovels, universal.. ..	..	..	..	..	..	1	..	..	..	..	..	..	
Spades, N.P.	1	1	2	1	1	1	..	1	1	..	9	8	

a 1 bag contains the remaining picketing gear, not carried on horses, and the footboards of vehicles.
b These are for protection of saddlery and harness in camp.
c Carried in baggage wagon, or distributed amongst the other vehicles of the battery at the discretion of the officer commanding.
d Includes 1 for private horse carried in store wagon. *e* Includes 19 carried in store wagon. *f* Only issued when specially ordered.
g These are for drill purposes. They will be carried as convenient. On mobilization they will be returned to store.
h Carried on the horse (riding and draught) The "spare" should be carried, 1 on each vehicle on footboards, and the remainder (5) in store wagon.
i These are carried as under:—

36 for riding and spare draught horses	on the horse.
94 for draught horses	on the footboards of limbers and wagons.
7 spare and 1 for private horse	in store wagon.

k For sick horses.

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Camp Equipment—*continued.*

TABLE 25—*continued.*	Field Service.							Peace Equipment.					
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	General. Proportions.
Woolwich Section No. 2—continued.													
Tents, complete, circular, single linen *a*	..	..	..	..	..	..	16*b*	..	..	..	2*c*	2*c*	
Wedges, sawyers', steel, .. 10-in.	..	..	1	..	..	..	..	..	..	..	..	..	
Wedges, sawyers', steel, .. 7-in.	..	..	2	..	..	..	..	..	..	..	..	..	
Woolwich Section No. 26.													
Stones, rub, scythe ..	..	..	..	1	..	..	1	..	..	..	..	..	
Woolwich Section No. 27.													
Blankets, G.S. *d*	4	4	..	..	..	..	..	4	4	..	36	32	1 per N.C. officer and man. *b*

a Spare mallets, pins and poles are provided in the proportion of 5 per cent. upon the number issued.
b Only issued when specially ordered. *c* These are for drill purposes. They will be carried as convenient. On mobilization they will be returned to store.
d The remainder of the blankets are carried in the A. and S. wagon for tents, &c., when specially ordered.

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Implements, Butchery. *a*

(Carried in Wagon, Store.)

TABLE 26.	War.	Peace.	
		Per Battery.	
	Per Battery.	Higher Establishment.	Lower Establishment.
Woolwich Section No. 26.			
Implements, butchers'—			
Balances, spring, 4-lb.	1	1	1
Cases, wood	1	1	1
Choppers, meat	1	1	1
Hooks, butchers', dressing, 9-inch *b* ..	6	6	6
Knives, butchers', cutting	1	1	1
Knives, butchers', flaying, large	1	1	1
Saws, tenon, 14-inch	1	1	1
Sheets, ground (unserviceable) *c*	1	1	1
Steels, butchers'	1	1	1
Steelyards, 56 lbs.	1	1	1

a Implements for use in camp during peace to be demanded under Part I, Equipment Regulations.

b Hooks, butchers', S, flat plain, 6-inch, will continue in use until worn out.

c To place the cut-up meat upon. A chopping block, if required, must be improvised.

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Ordnance and General Stores.

TABLE 27.

	War.							Peace Equipment.					
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 5.													
Brushes, water, carriage ..	1	1	1	1	1	1	..	1	1	..	9	8	
Couples, trace	2	2	2	2	2	2	..	2	2	..	18	16	
Woolwich Section No. 7.													
Axes, hand	2	2	3	2	..	..	..	2	2	..	18	16	
Cases, saw, hand	..	1	..	..	..	..	..	..	1	..	3	2	
Chests, tool, filled *c*, No. 3F *d*	..	..	..	1	..	..	1	..	..	..	1	1	Carried as convenient.
„ 7 Mark II *g* ..	..	..	..	..	..	..	..	..	..	..	1	1	
„ 5A	..	..	..	1	..	..	1	..	..	..	2	2	
„ 10 *d*	..	..	..	1	..	..	1	..	..	..	1	1	
screw cutting, bolt and nut R.A. field, Whitworth thread ¾-inch to ⅝-inch	..	..	..	..	..	..	1	..	..	..	1	1	
Chisels, ripping *a* ..	..	..	..	..	..	1	..	..	..	..	1	1	
smith's, handled *k*	..	..	..	..	..	..	1	..	..	..	1	1	
Cutters, farriers' *k* ..	..	..	..	..	..	..	1	..	..	..	1	1	
wire	1	..	..	..	..	..	..	1	..	..	6	6	
springs .. (spare)	2	..	..	..	..	..	12	2	..	..	12	12	
cutters .. „	4	..	..	..	..	..	24	4	..	..	24	24	
Drivers, screw, 9-in., G.S. *a* ..	..	..	..	..	..	1	..	..	..	..	1	1	
4-in. „ *m* ..	1	..	..	..	..	..	..	1	..	..	6	6	

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Files, second cut half-round, 6-inch *k*	1	1	..	..	..	..	..	1	1	..	9	8		
Grindstones, F.S., 10-in.	..	..	1	..	..	..	..	..	..	..	1	1		
Grindstones, 24-inch *b*..	..	..	..	..	..	..	1	..	..	..	..	..		
Hammers, claw, 20-oz. *m*	1	..	..	..	..	..	..	1	..	..	6	6		
Hammers, riveting, 24-oz. *a k* ..	..	..	..	..	..	1	..	..	..	..	1	1		
Hammers, smiths', hand, large *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Hammers, smiths', hand, small *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Hammers, special *k*	1	1	..	..	..	..	..	1	1	..	9	8		
Hammers, smiths' upband *k* ..	..	..	..	..	..	..	1	..	..	..	1	1	Carried as convenient.	
Hammers, smiths' sledge, 10-lb. *m*	..	..	1	1	..	..	..	..	..	..	1	1	Carried as convenient.	
Knives, clasp	..	1	..	..	..	..	..	..	1	..	3	2		
40116 / 7194 **Nail** pullers..	..	..	..	..	..	..	..	..	..	..	1	1		
Punches, smiths', round-handled *k*	..	..	..	..	..	..	1	..	..	..	1	1		
Punches, smiths', square *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Saws, hand, 26-in. ..	..	1	..	..	..	..	..	..	1	..	3	2		
Saws, frame, 26-in. *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Spanners, McMahon, 15-in.	1	1	1	..	..	..	..	1	..	..	6	6		
Spanners, universal *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Spanners, double-ended *k* ..	..	..	..	..	..	..	1	..	..	..	1	1		
Tools, forge, *c* .. .. sets	..	..	1	..	..	..	..	..	..	..	1*f*	1*f*	Carried as convenient.	
Tools, shoeing, *c* .. „	..	..	5	..	..	..	..	..	..	..	5*h*	4*h*	Carried as convenient.	
Tools, smiths', forming *k* ..	..	..	1	..	..	..	1	..	..	..	1	1	Carried as convenient.	
Tools, tinman's, *e* .. sets	..	..	1	..	..	..	..	..	..	..	1	1	Carried as convenient.	
Tongs, smiths', large *k* pairs	..	..	..	..	..	..	1	..	..	..	1	1		
Vices *k*	..	..	1	..	..	..	..	..	..	..	1*i*	1*i*		
Vice, bench saddletree-makers' *m*	..	..	1	..	..	..	..	..	..	..	1	1		

a Carried in locker under rear of A. and S. wagon for "Baggage." *b* For sharpening swords. To be returned to Ordnance Store before the mobilized unit leaves for place of concentration. *c* For details, *see* page 24.

d When a battery is placed on the War Establishment, the smiths' and wheelers' tools are carried in special chests forming part of the forge wagon, and the ordinary chests returned to store. These tools will then be taken on charge as "Tools, sets, No. 10.....1" and "Tools, sets, No. 3F.....1," respectively. Four sponge cloths and a book for military artificers are carried with the wheelers' and with the smiths' tools.

e The tinman's tools consist of—1 groover; 1 iron, soldering; 1 mallet, tinman's; 1 pair shears, tinman's scotch, and a small allowance of solder; and these, together with 4 sponge cloths, will be carried on active service in a drawer of the forge wagon with the smith's tools.

f Issued with "Chest, tool, filled, No. 7." *g* On mobilization, this chest will be emptied and returned to store.

h One set for each farrier and shoeing smith, including the set issued with chest, tool, filled, No. 7, and also the set issued for instructional purposes. The latter set will be returned to store on mobilization.

i Belongs to forge wagon, but in peace is held on peace equipment charge, and is carried as convenient. *k* See footnote, page 16. When service tools are issued the special tools will be returned to store. *m* To replace special tools as they become unserviceable.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.							Peace Equipment.					
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 10.													
Jacks, lifting, G.S. ..	..	1	..	..	..	..	..	..	1	..	4*a*	4*b*	
Locks, pad, Q.F., 15-pr. ..	1	3	7	7	3	..	..	1	3	..	15	12	
Nails, iron, horse shoe (*see* **Shoes**, horse)	..	..	..	..	..	..	..	..	..	..	..	..	
Shoes, horse, sets, (spare) *c*	..	..	59½ *d*	..	..	3	131 *e*	..	..	..	..	..	One spare set of shoes with nails for each horse; of these, a near shoe and an off shoe of each set, with nails, are carried in the shoe cases, 3 sets in each A. and S. wagon, and the remainder in the forge wagons.
	..	..	..	..	..	..	20 *f*						
Woolwich Section No. 11.													
Cylinders, paint, No. 3 ..	..	..	..	..	..	..	3	..	..	..	3	3	For mineral jelly.
Glycerine, 2nd quality, lbs.	..	..	..	..	..	..	84	..	..	..	..	..	For buffers.

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Grease, Field's, .. lbs.	3	31	3	3	3	6	..	3	31	6	117*g*	86*g*	Annual allowances, 126 lbs. for Higher Establishment batteries, and 70 lbs. for Lower Establishment batteries.
Mineral Jelly, *h*, .. lbs.	..	..	..	9	..	..	..	..	..	..	9	9	For protection of bore and breech fittings.
Oil, Rangoon, *i*, .. pints	1½	1	12	2	..	..	..	1½	1	..	48*j*	33½*j*	Annual supply.
Sacks, coal, 2 cwt., tarred, empty ..	..	..	1	..	..	..	..	..	..	..	..	..	
Sacks, coal, 2 cwt., tarred, filled, 112-lbs.	..	..	1	..	..	..	..	..	..	..	..	..	
Woolwich Section No. 13.													
Cans, lubricating, No. 9 ..	1	..	..	..	..	..	..	1	..	..	6	6	
Cases, No. 9, lubricating can, "A"	1	..	..	..	..	..	..	1	..	..	..	..	
Carriers, ammunition, Q.F., 15-pr.	8	25	..	..	..	..	..	8	25	..	123	98	
Covers, fore sight, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6	
Covers, hind sight, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6	
Cups, glycerine, Q.F., 15-pr.	1	..	..	..	..	..	..	1	..	..	..	..	
Holdalls, cleaning materials	..	..	..	..	..	..	..	..	..	..	6	6	
Pockets, lanyard, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6	
Pockets, wire cutter ..	1	..	..	..	..	..	..	1	..	..	6	6	

a 1 carried as convenient. *b* 2 carried as convenient.
c For regulations as to horse shoes *see* Sect. IX, Part 1 (Peace), and paragraph 34 of Special Instructions, page 12.
d In addition to which 3 sets, with the nails sewn up in canvas, will be carried in the locker under the rear of each ammunition and store wagon, "Baggage" and "Supply." *e* Includes 65½ sets carried with nails in shoe cases.
f Provided in order that horses joining on mobilization may be re-shod if necessary.
g ½-lb. per wheel per annum will be allowed, in addition, for vehicles in mobilization equipment in charge of the unit.
h See paragraph 483 Magazine Regulations, 1899. 4 oz. of mineral jelly per gun will be allowed for one application.
i For war three months' supply.
j Carried as convenient.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.							Peace Equipment.					
		Wagons.							Wagons.		PerBattery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 13—continued.													
Posts, aiming { blue disc / red „ .. }	2	..	..	..	..	..	..	2	..	..	12	12	
Sights, Q.F., 15-pr. { fore { .. .. / (spare) }	1 / 1	.. / ..	.. / ..	.. / ..	.. / ..	.. / ..	.. / ..	1 / 1	.. / ..	.. / ..	6 / 6	6 / 6	
Sights, Q.F., 15-pr. { hind { .. .. / (spare) }	1 / 1	.. / ..	.. / ..	.. / ..	.. / ..	.. / ..	.. / ..	1 / 1	.. / ..	.. / ..	6 / 6	6 / 6	
Slings, ammunition, carrier, Q.F., 15-pr.	1	1	..	..	..	..	..	1	1	..	9	8	
Woolwich Section No 14.													
Handspikes, common, 6-feet	..	1	..	..	..	..	..	..	1	..	3	2	
Woolwich Section No. 16.													
Ordnance, Q.F., 15-pr. ..	..	..	..	..	..	..	6	..	..	..	6	6	

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FITTINGS (SPARE).	..	..	..	..	..	..	..	..	..	..		
Ordnance, Q.F. 15-pr., extractors	1	..	..	..	..	..	1	..	..	..	6	6
Ordnance, Q.F. 15-pr., breech-blocks ..	..	..	..	1	..	..	1	..	..	..	..	..
Ordnance, Q.F. 15-pr., pins, firing	3	..	..	..	..	..	3	..	..	..	18	18
Ordnance, Q.F. 15-pr., strikers	2	..	..	..	..	..	2	..	..	..	12	12
APPURTENANCES AND IMPLEMENTS.												
Drivers, screw, special, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6
Drivers, screw, 3-inch, Q.F. 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6
Keys, breech apparatus, Q.F., 15-pr.	1	..	..	..	..	..	..	1	..	..	6	6
Keys, firing pin, Q.F., 15-pr...	1	1	..	..	..	..	..	1	1	..	9	8
Wedges, firing, Q.F., 15-pr., (spare)	1	..	..	..	..	..	..	1	..	..	6	6
Wedges, firing, Q.F., 15-pr., ...	1	..	..	..	..	..	..	1	..	..	6	6
Woolwich Section No. 18.												
Brushes, breech screw ..	1	..	..	..	..	..	6	1	..	..	6	6
Cleaners, piasaba, Q.F., 15-pr.	1	..	..	..	..	..	6	1	..	..	6	6
Cloths, sponge	..	..	..	..	..	..	60*a*	..	..	..	60*a*	60*a*
Cordage hawser, 3-strand, tarred, ¾-in. .. fathoms	..	..	..	56	..	..	..	..	..	..	12½	12½
Cordage spun yarn, hemp, 3-thread, tarred lbs.	..	..	..	..	..	5	..	..	..	..	..	..
Covers, breech, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6
Covers, muzzle, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6

a 10 per gun carried in ammunition boxes, as convenient.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*

	War.							Peace Equipment.					
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	Remarks to Peace Equipment only.
Woolwich Section No. 18—continued.													
Lashings, tarred, 1 in. × 10 ft.	..	3*a*	..	..	..	..	..	..	3*a*	..	3	3	
Lashings, „ 1½-in., 32 ft. (spare)	..	..	..	..	..	2	..	..	..	..	..	..	
Lashings, white, 1 in. × 10 ft.													
spare wheels ..	..	..	..	..	10	..	..	..	..	..	..	..	
Lines, Hambro'	..	1	..	..	..	..	..	..	1	..	3	2	
Marline, white, .. lbs.	..	1	..	..	..	..	..	..	1	..	3	2	
Rammers, Q.F., 15-pr. ..	1	..	..	..	..	..	..	1	..	..	6	6	
Ropes, drag, light, G.S., pairs	1	1	1	1	1	1	..	1	1	..	9	8	
Sponges, R.M.L., 13-pr., jointed	..	1	..	..	..	..	1	..	..	..	1	1	
Tow, coarse, ... lbs.	..	..	..	..	..	..	6*b*	..	..	..	6*b*	6*b*	
Woolwich Section No. 21.													
Puffs, powder, 4 oz. ..	..	..	..	..	..	..	..	..	..	..	50	50	Annual allowance.
Puffs, powder, pins ..	..	..	..	..	..	..	..	..	..	..	6	6	Annual allowance.

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Woolwich Section No. 22.													
Fuzes, time and percussion, 20 seconds, No. 58 ..	32	100	..	..	..	..	..	32	100	..	492	392	
Implements, fuze, shell, and cartridge — Keys — fixing, fuze, T and P, No. 58 ..	1	..	..	..	..	..	..	1	..	..	6	6	
Implements, fuze, shell, and cartridge — Keys — setting, fuze, T and P, No. 58 *e* ..	3	4	..	..	..	..	..	3	4	..	42	42	
Tubes, friction, copper, solid drawn, special ..	..	..	..	..	..	..	..	..	..	..	60	60	Annual allowance.
Woolwich Section No. 22A.													
Cartridges, Q.F., filled, 15-pr.	32	100	..	..	..	..	..	32	100	..	492	392	
Shells, Q.F., filled, shrapnel, 15-pr...	32	100	..	..	..	..	..	32	100	..	492	392	
Shot, Q.F., case *f*.. ..	4	4	..	..	..	..	..	4	4	..	..	..	
Woolwich Section No. 25.													
Boards, inventory	..	..	..	..	..	1	..	..	..	..	1	1	
Irons, branding, ⅜-in., figures, 0 to 8, sets	..	..	..	..	..	..	..	..	..	..	1	1	
Irons, branding, ⅜-in., letters, 1 letter alphabet *c* ,,	..	..	..	..	..	..	..	..	..	..	1	1	
Irons, branding, ⅜-in., letters, 1 letter, A to F.. ,,	..	..	..	..	..	..	..	..	..	..	1	1	
Knives, opening tins ..	..	..	..	..	..	2*d*	..	..	..	..	..	..	
Stamps, copper, inlaid, ½-in., figures, 0 to 8 sets	..	..	..	..	..	..	..	..	..	..	2	2	
Stamps, copper, inlaid, ½-in., letters, 1 letter *c* ,,	..	..	..	..	..	..	..	..	..	..	2	2	
Stamps, copper, inlaid, ½-in., letters, 1 letter, A to F ,,	..	..	..	..	..	..	..	..	..	..	1	1	

a For each ammunition wagon carrying a spare No. 18 pole.
b For packing stores generally.
c R.F.A., as required in addition to the battery numeral or numerals.
d A. and S. wagons for supplies, and tents, &c., only.
e 1 carried on each carriage, 2 in each limber, and 2 in each wagon body.
f When pattern is settled.

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Ordnance and General Stores—*continued.*

TABLE 27—*continued.*	War.							Peace Equipment.					Remarks to Peace Equipment only.
		Wagons.							Wagons.		Per Battery.		
	Gun Carriage and Limber.	Ammunition and Limber.	Forge.	Store.	Spare Wheels, and Limber.	Ammunition and Store, R.A.	Per Battery.	Gun Carriage and Limber.	Ammunition and Limber.	Artillery.	Higher Establishment.	Lower Establishment.	
Woolwich Section No. 25 —continued.													
Stamps, steel for, metal, $\frac{1}{8}$-in.: figures, 0 to 8 sets	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter *a* .. ,,	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter, A to F ,,	..	..	..	..	..	..	..	..	..	..	1	1	
Stamps, steel for, wood, $\frac{3}{16}$-in.: figures, 0 to 8 ,,	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter *a* .. ,,	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter, A to F ,,	..	..	..	..	..	..	..	..	..	..	1	1	
Stamps, steel for, metal, $\frac{3}{16}$-in.: figures, 0 to 8 ,,	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter *a* .. ,,	..	..	..	..	..	..	..	..	..	..	2	2	
letters, 1 letter, A to F ,,	..	..	..	..	..	..	..	..	..	..	1	1	
Woolwich Section No. 26.													
Balances, spring, 80-lbs. ..	..	..	..	..	..	1*b*	..	..	..	..	..	..	

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Woolwich Section No. 28.														
Binoculars, ...	..	..	..	..	..	..	2	..	..	..	2	2	One for officer commanding, and one for range-taker.
cases ..	..	..	..	..	..	..	2	..	..	..	2	2	
Woolwich Section No. 29.													
Cases, field, clinometer ..	1	..	..	..	..	..	6	1	..	..	6	6	
Clinometers, field, Mark II	1	..	..	..	..	..	6	1	..	..	6	6	
Mekometers, Artillery, Horse and Field, with appurtenances, complete *c* sets	..	..	..	..	..	..	1	..	..	..	1	1	
Telescopes, Field Artillery	..	..	..	..	..	..	1	..	..	..	1	1	
DRILL AND INSTRUCTIONAL STORES.													
Woolwich Section No. 22.													
Boxes, section of fuzes, Q.F., 15-pr.	..	..	..	..	..	..	..	..	..	..	1 *d*	1 *d*	
54 / Art. / 9464 / 75 / 12 / 1633 — **Fuzes,** drill, t. and p., 20 secs. No. 58 *d*	..	..	..	..	..	..	..	..	..	..	72 *e*	72 *e*	
section, time and percussion, No. 58 — before firing	..	..	..	..	..	..	..	..	..	..	1	1	
section, time and percussion, No. 58 — after firing	..	..	..	..	..	..	..	..	..	..	1	1	
Woolwich Section No. 22A.													
Cartridges, drill, Q.F., 15-pr.	..	..	..	..	..	..	..	..	..	..	12	12	

a R.F.A., as required in addition to the battery numeral or numerals.

b Supply wagon only.

c Every Service Battery will be supplied with a mekometer complete.

The equipment consists of—

2 mekometers (right and left) in 2 leather cases.
2 reels, each with one 50-yard cord, with S hooks.
4 telescopes. 5 yards of cord, spare.
} To be strictly maintained for service.

In time of peace, a battery ordered abroad will return its mekometer to store, and will demand a new equipment, except its destination be India, in which case it will receive its new equipment on arrival. The exchange of equipment will be optional in time of war, at the discretion of the officer commanding the battery. For further instructions, *see* Part 1, Equipment Regulations.

d Carried as convenient.

e Burnt-out fuzes will be used.

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Materials, Repairing Carriages, &c.

TABLE 28.	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.a	For what purpose.	Where carried.
Woolwich Section No. 4.				
Staples, round, crowned, small	6	2	Wagons, Ammunition, and Store and Artillery	Forge wagon.
Woolwich Section No. 9.				
Solder, tinman's, ... bars	6	..	Tinwork.	
Spelter, brass, ... lb.	¼	..	Brazing.	
Woolwich Section No. 10.				
Nails, wire, grooved, 2-inch, ... lb.	3	½	General repairs.	
Nails, wire, grooved, 1½-inch, ... „	3	½		
Screws, iron, flat-head, 2-inch, gauge No. 10	24	..		
Screws, iron, flat-head, 1½ „ „ „ 13	12	..		
Screws, iron, flat-head, 1 „ „ „ 12	24	8		
Screws, iron, flat-head, ¾ „ „ „ 10	24	8		
Tacks, steel, cut, No. 197, ... lbs.	1	1		
Woolwich Section No. 11.				
Borax, refined, ... lb.	½	..	Brazing.	
Glue, best town made, ... „	1	¾	.. ..	

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Paint, prepared for use, black, lamp, .. oz.	..	4	Lettering batteries.	
Paint, prepared for use, lead, white, .. ,,	..	4	Painting discs of aiming posts.	
Paint, blue, ultramarine (dry), .. ,,	..	2		
Paint, red, Chinese (dry), ... ,,	..	2		
Resin, black, ... lb.	$\frac{1}{2}$	..	Tinwork.	
Sal ammoniac, in lumps, ... ,,	$\frac{1}{2}$	..		
Turpentine, spirits of, ... pints	..	$\frac{1}{4}$	Lettering batteries.	
Wax, black, ... oz.	3	..		Forge wagon.
Woolwich Section No. 13.				
Leathers, U-section, hydraulic buffer, Q.F., 15-pr.	4	..	.. .. ..	Forge wagon.
Pieces, packing, wheels, Q.F., 15-pr.	12	..	.. .. ..	In spare wheel wagon.
Rivets, steel, boss head, $\frac{1}{2}$-in. × $1\frac{3}{4}$-in.	10	6	.. .. ..	Forge wagon.
Rivets, steel, boss head, $\frac{7}{16}$-in. × $1\frac{3}{4}$-in.	10	6		
Rivets, steel, boss head, $\frac{3}{8}$-in. × $1\frac{1}{4}$-in.	10	6		
Spokes, wheels, Q.F., 15-pr.	12	..	.. .. ..	In spare wheel wagon.
Staples, lashing, riveting, $\frac{5}{16}$-inch	5	..	General repairs ..	Store wagon.
Staples, lashing, with plate, $\frac{3}{16}$-inch ..	2			
Steel, pieces, bolt, 2 ft. 8 ins., 1-in. ..	1			
Steel, pieces, bolt, 2 ft. 8 ins., $\frac{7}{8}$-in. ..	1			
Steel, pieces, bolt, 2 ft. 8 ins., $\frac{3}{4}$-in. ..	1			
Steel, pieces, bolt, 2 ft. 8 ins., $\frac{5}{8}$-in. ..	1			
Steel, pieces, bolt, 2 ft. 8 ins., $\frac{1}{2}$-in. ..	1			
Steel, pieces, bolt, 2 ft. 8 ins., $\frac{1}{4}$-in. ..	1			
Steel, pieces, flat, 2 ft. 8 ins., 3-in. × $\frac{3}{4}$-in.	1			
Steel, pieces, flat, 2 ft. 8 ins., 2-in. × $\frac{3}{4}$-in.	1			
Steel, pieces, flat, 2 ft. 8 ins., 2-in. × $\frac{1}{2}$-in.	1			
Steel, pieces, flat, 2 ft. 8 ins., 2-in. × $\frac{1}{4}$-in.	1			

a Carried as convenient.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 28—*continued.*	War. — Three Months' Supply.	Peace. — Twelve Months' Supply.*a*	For what purpose.	Where carried.
Woolwich Section No. 13—continued.				
Straps, securing, 44-in. × 1-in.	2	..	Camp kettle lids, picketing gear ..	Store wagon.
26-in. × 1-in.	2	..	.. ..	
22-in. × 1-in.	3	..	.. ..	
18-in. × 1-in.	6	..	.. ..	
13-in. × $\frac{3}{4}$-in.	6	..	.. ..	
Washers, packing, hydraulic buffer, Q.F., 15-pr.	6	..		
Woolwich Section No. 14.				
Keys, split, round loop, $\frac{3}{16}$-inch × $2\frac{1}{2}$-inch (spare)	3	..	General repairs ..	Forge wagon.
$\frac{3}{16}$-inch × 2 ,, ,,	18	..		
$\frac{1}{8}$,, × $1\frac{3}{4}$,, ,,	6	..		
$\frac{1}{8}$,, × 1 ,, ,,	12	..		
$\frac{1}{4}$,, × 3 ,, ,,	6	..		

a Carried as convenient.

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Stores for Use with Sick Horses.

(Referred to in Part I, Equipment Regulations.)

TABLE 29.	War.	Peace.
	Per Battery.	Per 100 horses. 3 months' supply.
Woolwich Section No. 5.		
Sponges, 7-drachms	4	4 *a*
Woolwich Section No. 7.		
Pins, mixed, ... oz.	¼	¼
Woolwich Section No. 11.		
Corks, assorted	9	6
Woolwich Section No. 18.		
Tow, coarse, ... lbs.	6	2
Tow, fine, ... ,,	1½	1
Twine, packing, small, ... oz.	2	1
Woolwich Section No. 27.		
Bandages, horse	9	6
Linen, unbleached (for bandages),.. yds.	4½	3
Oat, sacking, 27-inch, cloth, poultice, Mark I, ... yds.	6	4
Tape, linen, ¾-inch white pieces	1	1 *a*
Woolwich Section No. 31.		
Flannel, old (for fomentations), .. lbs.	11	7½
Numnahs, old (for foot swabs)	2	2
MISCELLANEOUS.		
Paper, *b* brown, common (for packing) sheets	12	6
Paper, *b* white, fine (for balls) .. ,,	12	6

Chests, veterinary, field, U.P., together with the stores for use with sick horses will, on mobilization, be supplied by Army Veterinary Department.

a To be drawn at these rates every six months only.

b Stationery Office supply.

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Army Books and Forms for Equipment.

TABLE 30.

Army No.	Subject.	Description.
Books.		
158*	Transport	Convoy note.
183*	Regimental equipment	Account ledger.
281*	„ repairs	Daily work book.
Forms.		
B 274	Practice, annual	Report.
B 275	„ „ battery	„
B 276	Range	„
G 804	Ammunition, blank	Requisition for.
G 806	„ gun practice and for dismissal of recruits	„ (annual).
G 808	Failures of gun ammunition ..	Report.
G 815	Ammunition, small arm	Requisition.
G 957	Accoutrements, materials for repairs	„
G 976 *a*	Carriages, materials for repair ..	„
G 980 *a*	Stores	Carriers' note.
G 994 *a*	Equipment, &c.	General requisition (active service only).
G 997 *a*	„ general	Requisition.
G 1027 *a*	Materials for repair	General requisition.
G 1033 *a*	Issue and receipt voucher ..	
G 1037 *a*	Harness and saddlery (materials for repair)	Requisition.
G 1049	Expenditure, transfer, and conversion voucher.	
P 1925	Expense voucher, "G.S."	

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Those marked (*a*) are all that are considered necessary for War, and are carried in the stationery box in Store Wagon.

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DETAILS OF CARRIAGES, WAGONS, &c.

Component Parts.

Note—Will be inserted in next edition.

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LONDON:

PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,
BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HIS MAJESTY.

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11-inch, R.M.L., of 25 tons. 1899. Price 1*s.* 6*d.*
10-inch, B.L. 1900. Price 3*s.*
10-inch, R.M.L., and Mountings. 1899. Price 1*s.*
9-inch, R.M.L., and Mountings. 1899. Price 1*s.* 3*d.*
8-inch, R.M.L., Howitzer of 46 cwt. (Mark I.) For Movable Armament or Armament of Works. 1900. Price 1*s.* 6*d.*
7-inch, R.M.L., of 6½ and 7 tons, on Sliding and Moncrieff Carriage, Land Service. Price 1*s.* 6*d.*
6·6-inch, R.M.L., Howitzer, on Bed and Ground Platform, or on Siege Travelling Carriage. 1899. Price 1*s.* 6*d.*
6-inch, B.L., Howitzer of 30 cwt. (Mark I.) 1899. Price 2*s.* 3*d.*
6-inch, B.L., Howitzer, 25 cwt. (Mark I.) 1899. Price 3*s.*
6-inch, Q.F. (Land Service.) 1898. Price 8*d.*
5·4-inch, B.L., Howitzer. (Mark I.) 1897. Price 1*s.*
5-inch, B.L., Howitzer. (Mark I.) 1901. Price 2*s.*
5-inch, B.L. (Marks II.—V.) (Land Service.) 1900. Price 1*s.* 3*d.*
4·7-inch Q.F., Land Service. 1898. Price 1*s.*
4-inch, B.L. (Marks V. and VI.) (Land Service.) 1899. Price 1*s.* 6*d.*
0·45-inch Maxim M.-H. Chamber Machine. Mounted on Carriages, Field, Machine Gun, and Parapet Mounting. 1893. Price 6*d.*
0·303-inch Maxim Machine Gun (Magazine Rifle Chamber). Mounted on Carriages, Field Machine Gun, Cavalry and Infantry, &c. 1901. Price 1*s.*

MAGAZINES AND THE PRESERVATION OF ARTILLERY MATÉRIEL &c. Regns. for. 1899. Price 9*d.*
MEKOMETER. Handbook. 1899. Price 6*d.*
MILITARY ACADEMY, ROYAL. Admission to. Regns. 1899. Price 1*d.*
MILITARY COLLEGE, ROYAL. Ditto.
MILITARY COLLEGE, ROYAL. Syllabus of Course of Instruction at. 1898. Price 3*d.*
POSITION FINDING INSTRUMENTS. Handbook. 1901. Price 3*d.*
RANGE FINDER. Depression. For Elevated Batteries. Handbook. Land Service. 1898. Price 3*d.*
RANGE-FINDING. Field. Manual. For Officers and Non-Commissioned Officers of the Horse and Field Royal Artillery. 1891. Price 1*s.*
BASHFORTH CHRONOGRAPH. Report on Experiments with. (1870.) Price 1*s.* **Final do.** (1878–80.) Price 2*s.* 3*d.*
SIGNALLING INSTRUCTIONS. 1898. Price 9*d.*
SMALL ARMS AND AMMUNITION. MILITARY. Text Book. Price 2*s.* 6*d.* (*Out of print.*)
SMALL WARS. Their Principles and Practice. By Major CALLWELL, R.A. New Edition. Price 5*s.*
TELEGRAPHY. ARMY. Field Telegraphs. Manual of Instruction in. Price 3*s.*
TELEPHONE. SMALL ADER. AND COAST DEFENCE TELEPHONE SYSTEM. Handbook. 1899. Price 9*d.*

MILITARY EXAMINATION PAPERS, viz.:—
Military Entrance. June–July, 1901. Price 1*s.*
Staff College. Admission. August, 1900. Price 1*s.*
Staff College. Final. December, 1893. Price 1*s.*
Militia. Officers. Military Competitive. March, 1901. Price 1*s.*
Do. Literary Examination. June–July, 1900. Price 1*s.*
Foreign Languages. Modern. Officers of the Army. Oct., 1899. Price 1*s.*
Officers of Regular Forces, Militia, Yeomanry, and Volunteers. May, 1901. Price 1*s.*

Papers of earlier dates can still be had.

ABYSSINIA. EXPEDITION TO. Record of. Compiled by Order of the Secretary of State for War, by Lieut.-Col. TREVENEN J. HOLLAND, C.B., Bombay Staff Corps, and Captain HENRY HOZIER, 3rd Dragoon Guards. In two Vols. and case of Maps. Cloth, £4 4*s.* Half morocco, £5 5*s.*

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AFRICA. BRITISH EAST. Handbook. 1893. Price 3*s*.

AUSTRIA-HUNGARY. Military Forces of. 1891. Price 2*s*.

BALKAN STATES. Armies of. Handbook. 1900. Price 6*d*.

BELGIAN ARMY. Handbook. By Major W. N. BARNARDISTON. Price 9*d*.

CAVALRY. Instructions for the Training, Employment, and Leading of. By Major-General CARL VON SCHMIDT. Compiled by Captain VON VOLLARD-BOCKELBERG, 2nd Silesian Dragoons. Translated by Captain C. W. BOWDLER BELL, 8th Hussars. 1881. Price 3*s*. 6*d*.

CHINO-JAPANESE WAR, 1894-95. An Epitome of the. By Captain N. W. H. DU BOULAY, R.A. Price 1*s*. 3*d*.

DUTCH ARMY (Home and Colonial). Handbook. 1896. Price 9*d*.

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ROYAL HORSE AND ROYAL FIELD ARTILLERY STAFF AND DEPÔT BATTERIES, DETAILS, AND RIDING ESTABLISHMENT DETAILS.

B.L. 12-PR. 6-CWT., AND B.L. 15-PR.

AMENDMENTS.

Page 4, Para. 3, second line—
After "marked" *insert* "camp kettles in white, others."

Page 9. "Tool, screw cutting, &c."—
Under "Plates, screws, large, Mark I | 1"
Insert "small, Mark I .... | 1"
Against "Tip, oil," *insert* "(Mark I)."

Page 17, Table 1—
Dele "Scabbards, sword bayonet, &c."
"Sword, bayonets, &c."
"Scabbards, sword, Cavalry, &c."
"Swords, Cavalry, &c." } and detail.

Page 18, Table 2. "Belts, waist, buff."—
Against "Cavalry, patt. '85, O.R," *dele* "detail," and *insert*—
"R.H.A. 1 per N.C. officer (except staff-serjeants), trumpeter, artificer, 50 per cent. for gunners and drivers, and 1 per boy."
"R.F.A. 1 per N.C. officer (except staff-serjeants), trumpeter, shoeing smith, and 1 per boy."
Dele "Frogs, buff, bayonet, G.S."
"Knots, sword, buff." } and detail.
Table 3—
Against "Buckles, brass," *dele* "frog" ....
Dele "Buttons, brass" ....
"Hooks, brass, side, Cavalry, line" ....
"Loops, brass, waist belt, Cavalry, patt. '85" .... } and detail.
"Straps, buff, frog" ....
Against "Pieces, leather, buff," *dele* "3 in. × ½ in. (for sword knot)" ....

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Page 20, Table 5—

Against "G.S., R.A. (shaft draught) wheel," { *dele* "near," and detail. *against* "off" *insert* "set."

Page 23, Table 9—

Insert— " *Woolwich Section, No.* 4. "

"Cart, fatigue, converted forge .... | — | 1 | 1 | "

Dele "Cart *b*," and detail.

Against "Carriages, field, B.L. 15-pr.," and "Limbers, field, B.L. 15-pr. carriage," *insert* letter "*b*."

Dele "Pins, linch, 2nd Class, Mark II .. .. (spare) | 1 | 2 | 2 "
Insert "Pins, inch, 2nd Class, Mark II .. .. (spare) | 1*c* | 1 | 1 "

Dele footnote "*b*" and *insert*—

"*b* Mark I* carriages, and Mark IIB special limbers, with No. 1 Battery."

Mark IA special } carriages and limbers, { 4, 6, and 7 batteries."
" IIIC " } with Nos. { 2, 3, and 5 batteries."

Insert footnote "*c* 1 per section."

Dele footnotes "‡" and "§," and *insert*—

"‡ Mark IA special carriages."
"§ " IIIC " "

Page 27, Table 15—

Dele "Couples, trace," and detail.

Dele "Spanners, McMahon, 15-inch .. .. | 1 | 2 | 2 | "
Insert "Spanners, McMahon, 15-inch .. .. | 1*f* | 1 | 1 | "
Insert footnote "*f*, 1 per section."

Page 28, Table 15—

Against "Cartouches," *dele* "B.L. 15-pr., limber *g*," and detail.
Against "Magazines, portable, &c.," *dele* figure "4" in column "R.F.A."
Against "Ordnance, B.L., 15-pr." *insert* letter "*g*."
Dele footnote "*g*" and *insert*—

"g, Mark II guns, with Nos. 1, 4, 6, and 7 batteries."
" III " " 2, 3, and 5 batteries."

Page 30, Table 15—

Dele all items under "Fittings, spare," and *substitute*—

"Ordnance B.L. 15-pr., Marks II and III	block, retaining tube	—	—	1	"
	bolts, elevating	—	—	2	"
	box, slide	—	—	1	"
	bracket, telescopic sight	—	—	1	"
	carrier	—	—	1	"
	discs, adjusting, obturator	—	—	2	"
	extractors, box, slide	—	—	2	"
	lever, breech mechanism	—	—	1	"
	obturators .. .. sets	—	—	2	"
	pinion, link	—	—	1	"
	vents, T-axial	—	—	2	"

Dele footnote "*b*.

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Page 31, Table 15—

Dele "Clamps" } and detail.
"Rimers"
"Sights"

Insert—

"Boxes, obturator, steep coned, B.L. 15 and 12-pr., Marks II to IV guns	1	—	4
Bits, vent, 14-inch	1	—	2
Ordnance, B.L. 15-pr., Marks II–IV, and 12-pr., Marks II–IV .. wrenches, breech mechanism: A ..	1	—	2
Ordnance, B.L. 15-pr., Marks II–IV, and 12-pr., Marks II–IV .. wrenches, breech mechanism: B ..	1	—	2
Ordnance, B.L. 15-pr., Marks II–IV, and 12-pr., Marks II–IV .. wrenches, breech mechanism: C ..	1	—	2
Rimers, vent, axial, short	1	—	4
Sights, B.L. fore, 15-pr. Mark III gun, special	1	—	3
Sights, B.L. fore, 15-pr. Marks II and IV, and 12-pr., Mark IV guns	1	—	3
Sights, B.L. tangent, 15-pr., Marks II to IV guns, Mark V	1	—	3
Sights, B.L. telescopic, 15-pr., Mark IV	1	—	2"

After "Covers, breech, B.L."—

Insert "Covers, muzzle, No. 1 (B.L. or Q.F. 12 and 15-pr. and Q.F. 2·95-inch)	1	2	2"

Dele footnotes "*b*" and "*c*."

Page 33, Table 15—

After "Shot, B.L.," *insert* "or Q.F."

Page 35, Table 16—

Against "Bolts, with nuts"—

Dele "Nave, 2nd class, '*C*,' No.," and detail.

Dele "Locks, spring, box, ammunition," and detail.

Dele footnote "*a*."

Page 36, Table 16—

Against "Keys, split, round, loop"

Insert "$\frac{3}{16}$ in. × $2\frac{1}{4}$ in.	—	2	—	"
Insert "$\frac{3}{16}$ in. × 1 in.	—	2	—	"
"$\frac{3}{8}$ in. × $1\frac{5}{8}$ in.	—	2	—	"
Dele "$\frac{3}{16}$ in. × $2\frac{3}{4}$ in.	3	4	—	"
Insert "$\frac{1}{4}$ in. × $1\frac{1}{2}$ in.	—	2	—	"

Dele "*Woolwich Section No.* 19."

"Felloes *a*" } and detail.
"Spokes *a*"

Dele footnote "*a*."

Page 39, Table 1—

Against "Swords, Cavalry, patt. '99," *dele* "all ranks, except drivers, and *insert* "1 per warrant officer, and 40 for instructional purposes."

Page 50—

Against "Straps, securing, 26 in. × 1 in.," *dele* "(swords) . . | 2."

Page 61—

Against "straps, securing, 22 in. × 1 in.,"

Dele "(swords) | 2"

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Page 65—
Dele "Straps, securing, 10 in. × 1 in. (billhook) | 2 | "
Insert "Straps, securing, 10 in. × 1 in. (billhook) | 1 | '

Page 66—
Against "Straps, securing,"
Dele "22 in. × 1 in. (swords) | 2 | "
Dele "48 „ × 1 „ " *insert* "54 „ × 1 „ "

Page 70—
Against "Leathers, fixture,"
Dele "sword | 6 | "

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MILITARY INFORMATION DIVISION.

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WAR DEPARTMENT, RECEIVED FEB 25 1909 LIBRARY.

PART 2

SECTION XIc.—ROYAL HORSE AND ROYAL FIELD ARTILLERY, STAFF AND DEPÔT BATTERIES, AND RIDING ESTABLISHMENT.

SPECIAL INSTRUCTIONS AND DETAILS.

I.—SPECIAL INSTRUCTIONS.
II.—DETAILS OF EQUIPMENT.

I.—SPECIAL INSTRUCTIONS.

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I.—EQUIPMENT OF STAFF AND DEPÔT BATTERIES AND RIDING ESTABLISHMENT.

Details for units, &c.

1. Details of the equipments of staff and depôt batteries and the riding establishment will be found on pages 16 to 42.

Method of accounting for stores.

2. The stores will be held on charge in the Equipment Ledger, and the account will be balanced and rendered as laid down in Appendix I, Equipment Regulations, Part I.

II.—MARKING OF EQUIPMENT.

Marking equipment.

3. Camp kettles, portable magazines, and water-buckets will be marked in black paint with the letters, "R.H.A.," or "R.F.A." (as the case may be), in front, and in rear with the letter of the sub-division and depôt letter or number, thus,

$$\frac{\text{"A"}}{\text{A Dep.}} \qquad \frac{\text{"D"}}{\text{3 Dep.}}$$

Drawings to illustrate the method of marking, and the correct position of the marks, will be issued, on demand to chief ordnance officers of districts, who will arrange for necessary promulgation to units, &c., requiring them.

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Bags, kit, R.A., and picketing gear will also be similarly marked, but on the end.

4. Detailed instructions for marking vehicles and equipment will be found in Equipment Regulations, Part I.

III.—REPAIRS.

Examination and repair of equipment.

5. Battery commanders are responsible that their equipment is at all times in a serviceable condition. The examination and repair of equipment should be carried out by battery artificers so far as may be possible. When special tools or appliances are required, which are not available with the battery, the battery artificers should be sent, together with the material requiring repair, to the nearest army ordnance department workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair.

Special tools for the repair of field artillery equipment have been issued to the army ordnance workshops at Aldershot, Colchester, Curragh, Devonport, Dover, Haulbowline, Portsmouth, and Tynemouth.

6. Applications for the inspection or repair of equipment which cannot be carried out by battery artificers should be addressed to chief ordnance officers of districts.

IV.—RETURNS.

Returns relating to Artillery Matériel, &c.

7. Army Form G 1085 (return of stores due from Army Ordnance Department) should be rendered quarterly by units, and forwarded to the Principal Ordnance Officer, Woolwich, on the 1st March, 1st June, 1st September, and 1st December in each year. Only stores 3 months in arrear at date of return will be included.

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8. When any deficiencies are noted by the officer commanding Royal Artillery upon the annual returns of rifled field ordnance equipped, the chief ordnance officer should note on such returns the steps that have been taken to supply the equipments required to complete the units. Returns of field ordnance equipped.

9. Ordnance on Royal Artillery charge will be included in the Annual Return Army Form G 872, rendered on the 1st June by officers commanding Royal Artillery districts in accordance with the King's Regulations. Ordnance on R.A. charge.

V.—REGULATIONS FOR THE INSPECTION OF ORDNANCE.

1. General Instructions

10. When guns require examination the officer commanding will submit Army Form G 875, with the memorandum of examination, to the chief ordnance officer, who will make arrangements for the examination to be carried out by the inspecting ordnance officer or by the inspector of ordnance machinery. The inspector will make two copies of this form ; and on the completion of the examination will enter the sentence on and sign all three. He will pass the original direct to the officer in charge of the gun for transmission to the officer commanding Royal Artillery ; the other two copies, with impressions, except in obviously trivial cases, will be forwarded by the chief ordnance officer direct to the chief inspector, Woolwich. The chief inspector, Woolwich, will enter the final sentence, retain one copy, and return the other to the chief ordnance officer, who will retain it after passing to the officer commanding Royal Artillery to note. In the event of the gun being serviceable, the "memorandum of examination" will be returned by the inspector direct to the officer in charge of the gun ; if unserviceable he will forward it with the impressions to the chief inspector, Woolwich, who will return it after final sentence through the chief ordnance officer. Examination of ordnance by I.O.O.

11. In districts at home in which there is no inspecting ordnance officer or inspector of ordnance machinery the chief ordnance officer will forward the requisitions to the chief inspector, Woolwich, who will arrange for the examination to be carried out, and if necessary send an examiner to the station. At home where there is no I.O.O.

12. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the chief inspector, Woolwich. Examination of spare parts.

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VI.—TEXT BOOKS, HAND BOOKS, AND RANGE TABLES.

Text and hand books.

13. Texts book, hand books, and range tables are issued in the following proportions, and will be held on charge as laid down in Equipment Regulations, Part I.

Distribution.		Text Books, sets *a*	Handbooks.*b*	Range Tables.
R.H.A. and R.F.A.	Lieut.-Colonels commanding depôts	1	2 per nature of field gun in the depôt.	2 per nature of field gun in the depôt.
	Batteries ..	—	12 per nature of gun on charge.	12 per nature of gun on charge.

VII.—SUPPLY OF STORES FOR THE REPAIR AND PRESERVATION OF EQUIPMENT.

Harness and Saddlery.

Staff of R.A. District.

14. The repair of saddlery allowed for the staff of Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Ordnance, Carriages, Projectiles, &c.

Reference to the detailed instructions.

15. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the "Regulations for Magazines and the Care and Preservation of War Matériel" for the guidance of officers of artillery in carrying out the services therein referred to and of army ordnance officers in supplying such materials and stores as may be from time to time required for performing the same.

a The text books referred to comprise the following works :—"Treatise on Ammunition," "Treatise on Military Carriages," "Treatise on Service Ordnance," "Treatise on Service Explosives."

b The following are the handbooks referred to :—

Handbook for nature of gun in use.
,, ,, Telescopic Sights.
,, of the Mekometer.

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VIII.—SETS OF TOOLS.

(*Referred to in Part* 1, *Equipment Regulations, and in Tables of Details.*)

CHEST, TOOL, FILLED, No. 10.

(Carriage, Smiths, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 10	1
Braces, smiths', bits, countersink rose	1
Braces, smiths', bits, rimer, half-round	1
Braces, smiths', bits, rimer, square	1
Braces, ratchet, 9-inch	1
Braces, ,, 12 ,, drills, Nos. 1 to 11	1 sets
Callipers, 6-inch	1 pairs
Callipers, 4 ,, inside	1 ,,
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × ¼-inch	1
Chisels, engraving	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Chisels, rivet-head	1
Chisels, smiths' cold	1
Chisels, smiths' hot	2
Cutters, anvil, flat, smiths', 2-inch	1
Dividers, spring, 6-inch	1
Drivers, screw, G.S., 6-inch	1
Files, bastard, flat, 14-inch	2
Files, bastard, flat, 10 ,,	2
Files, bastard, ½-round, 12-inch	1
Files, bastard, ½-round, 8 ,,	1
Files, bastard, round, 10 ,,	1
Files, bastard, round, 6 ,,	2
Files, second cut, safe edge, 6 ,,	3
Flatters, smiths'	1
Fullers, bottom	1
Fullers, top	1
Hammers, fitters', 32-oz.	1
Hammers, ,, 8-oz.	1
Hammers, smiths', hand, 3-lb.	1
Handles, file, middling	2
Handles, file, small	1
Holders, rivet-head, small	1
Plates, screw, B.A. Standard	1

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, side-cutting, 7-inch .. .. pairs	1
Pokers, smiths	1
Punches, centre, 4½-inch	1
Punches, round, ½-inch × 10-inch	1
Punches, smiths, hot, ½-inch	1
Punches, smiths, hot, ⅜ „	1
Rods, smiths, iron	4
Rules, armament artificers, 1-foot	1
Rules, saddletreemakers	1
Saws, cutting metal, 10-inch	1
Saws, „ „ blades, 10-inch	2
Scribers	1
Slices, farriers	1
Snaps, hand riveting, $\frac{7}{16}$-inch	1
Snaps, hand riveting, ⅜ „	1
Squares, box, fitters, steel, 4-inch, graduated	1
Squares, fitters..	1
Squares, smiths, steel..	1
Stocks, drill, bevel-wheel	1
Stocks, „ „ bits (set of 6) .. .. sets	1
Tongs, smiths, fore bit.. .. .. pairs	1
Tongs, smiths, hollow bit .. .. „	1
Tool, rounding	1
Travellers	1
Vices, hand, 16-oz...	1
Woolwich Section No. 18.	
Cloths, sponge	4
Woolwich Section No. 26.	
Stones, rag..	2
Miscellaneous.	
Handbook, military artificers	1

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Chest, Tool, filled, No. 10. (Carriage, Smiths, R.A., Field Service)—*continued.*

Articles.	No.
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for.	
Woolwich Section No. 7.	38407 / Equipment. / 1973
Tools, screw cutting, bolt and nut, R.A. field, Whitworth thread, ¾-inch to ⅜-inch, field	1
Detail.	
Chest, empty	1
Tools, screw cutting, Whitworth thread, — Plates, screws, large (Mark I) ..	1
Taps, — ¾-inch, — 1st turn „ ..	1
2nd „ „ ..	1
plug „ ..	1
⅝ „ — 1st turn „ ..	1
2nd „ „ ..	1
plug „ ..	1
½ „ — 1st turn „ ..	1
2nd „ „ ..	1
plug „ ..	1
⅜ „ — 1st turn „ ..	1
2nd „ „ ..	1
plug „ ..	1
Wrenches, — large (Mark I).. ..	1
small „	1
Tip oil	1

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CHEST, TOOL, FILLED, No. 3F.
(Wheelers, R.A., Field Service.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty, No. 3	1
Adapters, brace	1
Adzes, carpenters', heads	1
Adzes, carpenters', handles	1
Aprons, basil, brown	2
Augers, $1\frac{1}{4}$-inch	1
Augers, $1\frac{1}{16}$,,	1
Augers, 1 ,,	1
Augers, $\frac{7}{8}$,,	1
Augers, $\frac{5}{8}$,,	1
Augers, $\frac{1}{2}$,,	1
Augers, handles, 16-inch	1
Augers, handles, $13\frac{1}{2}$,,	1
Augers, handles, 12 ,,	1
Awls, blades, brad	12
Awls, handles, brad, large	2
Awls, handles, brad, small	2
Axes, hand, 3-lb.	1
Bags, tool, carpenters'	1
Bevels, steel blade, 12-inch	1
Braces, carpenters', with 24 bits	1
Detail of bits:—	
Centre, $1\frac{1}{8}$, 1, $\frac{7}{8}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{1}{2}$, and $\frac{3}{8}$-inch	—
Countersunk, flat	—
Countersunk, rose	—
Dowling sash	—
Gouge, $\frac{7}{16}$, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Nose, $\frac{3}{8}$, $\frac{5}{16}$, $\frac{1}{4}$, $\frac{3}{16}$, and $\frac{1}{8}$-inch	—
Rimer, square	—
Screwdriver	—
Taper	—
Braces, smiths'	1
Callipers, 6-inch	1 pairs
Cans, oil, lubricating, G.S.	1
Chisels, cross-cut, 7-inch × $\frac{1}{4}$-inch	2
Chisels, firmer, coachmakers', $1\frac{1}{2}$-inch	1
Chisels, firmer, coachmakers', $1\frac{1}{4}$,,	1
Chisels, firmer, coachmakers', 1 ,,	1
Chisels, firmer, coachmakers', $\frac{3}{4}$,,	1
Chisels, firmer, coachmakers', $\frac{5}{8}$,,	1
Chisels, firmer, coachmakers', $\frac{3}{8}$,,	1
Chisels, hand, cold, $\frac{3}{4}$-inch × 8-inch	2
Chisels, mortice, $\frac{1}{4}$-inch	1

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Compasses, wing, 7-inch, ... pairs	1
Dividers, spring, 6-inch	1
Drifts, steel, round, $\frac{5}{16}$-inch	1
$\frac{7}{16}$ „	1
$\frac{9}{16}$ „	1
$\frac{11}{16}$ „	1
$\frac{13}{16}$ „	1
Drivers, screw, G.S., 14 „	1
6 „	1
Files, bastard, flat, 14 inch	1
bastard, half-round, 14-inch	1
bastard, round, 10-inch	2
bastard, round, 6 „	2
bastard, 3-square, 14 „	1
dead, smooth, hand, safe edge, 12-inch	1
saw, taper, second cut, 5½-inch	4
saw, taper, second cut, 4 „	4
Gauges, carpenters', marking	1
Gauges, carpenters', mortice	1
Gimlets, common, No. 1	1
Gimlets, common, „ 2	1
Gimlets, common, „ 3	1
Gouges, handled, firmer, 1-inch	1
Gouges, handled, firmer, $\frac{3}{4}$ „	1
Gouges, handled, firmer, $\frac{1}{2}$ „	1
Gouges, handled, pecking, 1 „	1
Hammers, fitters, 32-oz.	1
Hammers, fitters, 16 „	1
Hammers, fitters, 8 „	1
Hammers, riveting, 24-oz.	1
Hammers, smiths, sledge, 10-lb.	1
Hammers, screw	1*a*
Hammers, handles, 36-inch	1
Hammers, handles, 14 „	1
Handles, file, middling	2
Handles, file, small	1
Knives, drawing, carpenters'	1
Lines, carpenters'	1
Mallets, „	1
Pencils, „	6
Pincers, „ .. .. pairs	1
Planes, bead, ¼-inch	1
Planes, bead, ⅜ „	1
Planes, compass	1
Planes, jack, double iron	1
Planes, plough	1
Planes, rabbet, skew	1
Planes, smoothing, G.S.	1

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a Will be replaced by "Spanner, McMahon, 12-inch" when existing stock is used up.

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Chest, Tool, filled, 3F. (Wheelers, R.A., Field Service)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Pliers, flat-nose, ... pairs	1
Pots, glue, 1-pint	1
Punches, carpenters', small	1
Punches, centre, 4½-inch	1
Reels, carpenters', line	1
Rules, „ common	1
Rules, saddletreemakers'	1
Saws, compass	1
Saws, dovetail, brass back	1
Saws, hand, 23½-inch	1
Saws, tenon, 14-inch	1
Screws, thumb	1
Scribers	1
Sets, saw, hand	1
Shaves, spoke, 3¼-inch	1
Shaves, spoke, 2½ „	1
Squares, carpenters', 9-inch	1
Stones, oil, carpenters'	1
Stones, oil, slip, Turkey	1
Tongs, wheeler, fitters' .. .. pairs	1
Woolwich Section No. 11.	
Chalk, white .. .. lbs.	1
Woolwich Section No. 18.	
Cloths, Sponge	4
Woolwich Section No. 25.	
Brushes, paint, sash tool, No. 6 (for glue)	1
Miscellaneous.	
Handbook, military artificers	1

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CHEST, TOOL, FILLED. No. 5A.

(Collarmakers and Saddlers.)

Articles.	No.
Woolwich Section No. 7.	
Chests, tool, empty No. 5	1
Awls, blades, backing	6
Awls, blades, buckling, 4-inch	3
Awls, blades, buckling, 2¾ ,,	3
Awls, blades, drawing	2
Awls, blades, garnishing, 2¼-inch	2
Awls, blades, garnishing, ⅞ ,,	2
Awls, blades, harness, 1⅞-inch	3
Awls, blades, harness, 1¾ ,,	4
Awls, blades, harness, 1⅝ ,,	4
Awls, blades, harness, 1⅜ ,,	4
Awls, blades, harness, 1¼ ,,	3
Awls, blades, pannel, 5¾ ,,	2
Awls, blades, pannel, 4 ,,	2
Awls, handles, drawing	4
Awls, handles, harness	4
Awls, handles, pannel	4
Bones, hollow	1
Chisels, hand, cold, ¾-inch × 8-inch	1
Clams, collarmakers', pairs	1
Claws, nail	1
Compasses, common, 7-inch, pairs	1
Creases, double	1
Creases, single	1
Drivers, screw, G.S., 6-inch	1
Gimlets, common No. 6	1
Hammers, collarmakers'	1
Hammers, riveting, 24-oz.	1
Hammers, riveting, 8 ,,	1
Hammers, riveting, saddle-seat	1
Irons, collar, 34-inch	1
Irons, collar, 29 ,,	1
Irons, collar, 23 ,,	1
Irons, pricking, 12-stitch	1
Irons, pricking, 8 ,,	1
Irons, pricking, 5 ,,	1
Irons, seat, stuffing, 14-inch	1
Knives, clasp	1
Knives, gauge-plough	1
Knives, half round	1
Knives, head	1
Lead, punching, collarmakers', 8-lb., pieces	1
Mallets, collar	1
Mallets, tinman's	1

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Chest, Tool, filled, No. 5A. (Collarmakers and Saddlers)—*continued.*

Articles.	No.
Woolwich Section No. 7—continued.	
Needles, collar, half-moon, 6½-inch	1
Needles, collar, half-moon, 5½ ,,	1
Needles, collar, half-moon, 4½ ,,	1
Needles, collar, packing, 1 ,,	2
Needles, collar, packing, 2 ,,	2
Needles, collar, packing, 3 ,,	2
Needles, collar, packing, 4 ,,	3
Needles, collar, packing, 5 ,,	3
Needles, collar, packing, 6 ,,	3
Needles, darning, 4-inch	6
Needles, harness	100
Needles, saddlers', sewing	100
Needles, saddlers', stitching	25
Palms, collarmakers'	1
Pincers, saddlers', pairs	1
Pliers, flat-nose ,,	1
Punches, oval, No. 31	1
Punches, oval, ,, 30	1
Punches, oval, ,, 28	1
Punches, oval, ,, 27	2
Punches, oval, ,, 24	1
Punches, oval, ,, 23	1
Punches, oval, ,, 22	2
Punches, oval, ,, 20	2
Rasps, shoemakers', 10-inch	1
Rules, collarmakers', 4-fold	1
Scissors, tailors', pairs	1
Shaves, collarmakers'	1
Spikes, marline, wood	1
Thimbles, tailors'	2
Tools, edge, No. 1	1
Tools, edge, ,, 2	1
Tools, edge, ,, 3	1
Woolwich Section No. 26.	
Stones, rag	1
Stones, rub, scythe	1
Steels, butchers'	1
The undermentioned are not carried in the chest, and will be separately demanded, charged, and accounted for :—	
Woolwich Section No. 7.	
Cards, towsing, small, pairs	1*a*

a Towsing cards will not be issued unless specially demanded.

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CHEST, TOOL, FILLED, No. 7.

(Forge and Shoeing Tools.)

Articles.	No.
FORGE TOOLS (1 set).	
Woolwich Section No. 7.	
Chests, tool, empty, No. 7	1
Chisels, farriers', handled	1
Cresses, No. 1, Mark II	1
Cresses, „ 2 „	1
Cutters, anvil, flat, smiths', 2-inch	1
Cutters, anvil, half-round, farriers'	2
Cutters, anvil, nail, farriers'	1
Fullers, farriers', handled	1
Rammers, farriers', pointing	1
Rammers, farriers', sledge, 9½ lb.	1
Rammers, farriers', turning, Mark III	1
Pokers, smiths'	1
Pritchels, farriers'	3
Slices, farriers'	1
Stakes, farriers'	1
Stamps, farriers'	2
Tongs, farriers' fire pairs	1
Tongs, farriers' turning, large „	1
Tongs, farriers' turning, medium „	1
Tongs, farriers' turning, small „	1
SHOEING TOOLS (1 set).	
Woolwich Section No. 7.	
Aprons, basil, white	1*a*
Rags, tool, farriers'	1
Buffers, farriers'	1
Hammers, farriers', shoeing	1
Knives, drawing, farriers'	2
Knives, searching „	1
Pincers, farriers' pairs	1
Rasps, „ 16-inch	2
Stones, rag, farriers'	1

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Gen. No.
7,707

a An additional apron will be allowed for each man undergoing instruction as shoeing smith.

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DETAILS OF EQUIPMENT.

ROYAL HORSE AND ROYAL FIELD ARTILLERY.

(B.L., 12-pr., 6 cwt., and 15-pr.)

STAFF AND DEPÔT BATTERIES.

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ROYAL HORSE AND ROYAL FIELD ARTILLERY, STAFF AND DEPÔT BATTERIES.

Part 2.—Section XIc.

Arms.

TABLE 1.	General Proportions.
Weedon Section.	
Carbines, M.M., or M.E., Artillery, Mark II.	12*a* per depôt.
Carbines, M.H. Drill pattern ..	36 ,, ,,
Pull throughs	1 per carbine.
Pull throughs double	1 with 2 spare cords and gauzes.
Reflectors, mirror *b*	2 per depôt.
Scabbards, sword-bayonet, M.H. carbine.	1 per gunner and artificer, except farriers and shoeing smiths (R.F.A. depôts only).
Sword-bayonets, M.H. carbine ..	
Scabbards, sword, Cavalry, pattern 1899, Mark I	*Staff.*—All ranks. *Royal Horse Artillery Depôt.*—1 per N.-C.-Officer, trumpeter, and artificer, and 50 per cent. for gunners. *Royal Field Artillery Depôts.*—1 per battery staff serjeant, serjeant, corporal, bombardier (including acting bombardier), farrier, shoeing smith, and trumpeter.
Swords, Cavalry, pattern 1899 ..	

54 Arty. 9032

54 Art. 9119

a Not to be used for the instruction of recruits.
b For examining interior of barrels.
N.B.—Repairs to arms that cannot be performed by battery Artificers, will be executed as directed in Equipment Regulations Part I.

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Accoutrements.

TABLE 2.	General Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks—1 each.
Belts, waist, buff, — Cavalry, patt. '85 — S.S.	1 per staff serjeant.
Belts, waist, buff, — Cavalry, patt. '85 — O.R.	R.H.A., 1 per sword, other ranks, and 1 per boy, and 50 per cent. for drivers. R.F.A., 1 per Cavalry Sword, other ranks (except staff serjeants), and 1 per boy.
Belts, waist, buff, — Field Artillery, dismounted and drivers, with plate	Gunners and drivers, except acting bombardiers; and artificers, except farriers and shoeing smiths.
Bottles, water, enamelled, L.S. ..	1 per N.-C. Officer, man, and boy wearing a belt.
Frogs, buff, bayonet, G.S.	1 per sword-bayonet.
Handcuffs, common .. .. pairs	2 per depôt.
Knots, sword, buff, — G.S.	1 per staff serjeant.
Knots, sword, buff, — Cavalry line, O.R. ..	1 per Cavalry sword, other ranks.
Pouches, ammunition, black japanned, Artillery	1 per carbine.
Slings, carbine, buff, Artillery *a* ..	1 per carbine.
Straps, buff, water bottle, mounted services	1 per water bottle.

a When existing stock is used up "Slings, rifle, web, G.S." will be issued.

Articles for Repair of Accoutrements.

TABLE 3.	Per Depôt. Annual Supply. R.H.A.	R.F.A.
Woolwich Section No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	8	3
Buckles, brass, — frog	—	3
Buckles, brass, — waist-belt, field artillery	—	3
Buckles, brass, — waist-belt, cavalry — line	2	*a*
Buckles, brass, — waist-belt, cavalry — patt. '85	6	*a*
Buttons, brass	8	3
Chapes, waist-belt, cavalry, patt. '85	6	*a*
Hooks, brass, side, cavalry, line	3	3
Loops, brass, waist-belt, cavalry, patt. '85	6	*a*
Pieces, leather, buff, — $4\frac{1}{4}$ in. × $\frac{3}{4}$ in. — (for waist belt)	4	*a*
Pieces, leather, buff, — $4\frac{1}{4}$ in. × $\frac{3}{4}$ in. — (for waist belt safe, patt. '85)	6	*a*
Pieces, leather, buff, — 3 ,, × $\frac{1}{2}$,, — (for inside of waist belt) ..	4	5
Pieces, leather, buff, — 3 ,, × $\frac{1}{2}$,, — (for sword knot)	3	3
Safes, waist-belt, buff, cavalry	2	*a*
Short parts, waist-belt, cavalry, patt. '85	6	*a*
Straps, buff, frog	—	3

a 3 per cent. brass articles and 5 per cent. leather.

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Musical Instruments.

TABLE 4.	General Proportions.	
Woolwich Section No. 1.		
Cases, drum, brass, large	1 per depôt.	54 Arty. 7832
Drums, side, brass, large	1 „	
Drums, side, sticks .. pairs	1 „	
Bugles *a*	R.H.A. 1 per serjeant trumpeter, and trumpeter, and 35 additional per depôt for training boys.	54 Artillery 8506
Trumpets *a*	R.F.A.—1 per serjeant trumpeter and trumpeter, and 20 additional per depôt for training boys.	54 Art. 8837
Strings, bugle and trumpet, Royal *a*..	1 per bugle and 1 per trumpet.	
Pitch pipes	1 per depôt.	
Tuning forks	1 per depôt.	

a The Boys' Detachment, Royal Field Artillery, at Aldershot is allowed 10 of each of these articles.

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Saddlery and Harness.[a]

TABLE 5.	Per Depôt. R.H.A.	Per Depôt. R.F.A.	Staff. R.H.A.	Staff. R.F.A.	Remarks.
SADDLERY.					
Woolwich Section No. 5.					
Officers, R.A. .. sets	1	7	3	7	
Woolwich Section No. 6.					
Universal, R.A. steel arch, pattern 1890 .. .. sets	37	21	9	3	
HARNESS.					
Woolwich Section No. 5.					
Pole-draught, R.A.,[b] lead, single, sets	8	8	—	—	Short traces at the rate of 1 pair per single set of lead and centre harness.
Pole-draught, R.A.,[b] wheel, single, sets	4	4	—	—	Traces, saddlery, are allowed at the rate of 2 pairs per carriage limber; carried on footboards.
54 Art. 9182 **G.S.,** R.A. (shaft draught) wheel near ..	1	1	—	—	
G.S., R.A. (shaft draught) wheel off ..	1	1	—	—	

54 Art. 9

[a] For details of sets of saddlery and harness *see* Appendix VIII*b*, Part I, Equipment Regulations.

[b] In order to increase facilities for instructions in riding drill, sufficient stirrup irons, stirrup leathers, and stirrup leather runners may be demanded to complete each "off" saddle with these articles.

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Harness and Saddlery.

TABLE 6.	Spare per Depôt. R.H.A.	Spare per Depôt. R.F.A.	Remarks.
HARNESS AND SADDLERY.			
Woolwich Section No. 2.			
Ropes, head, hemp, with ring ..	2	2	
Woolwich Section No. 5.			
Bits, portmouth, reversible — Mark II ..	2	2	
Bits, portmouth, reversible — heads, bridle ..	1	1	
Chains, hame, with dee *a*	2	2	
Couples, trace	1	1	
Hames *a*.. .. .. .. pairs	1	1	
Hooks, pole-bar *a*	2	2	
Leggings, drivers *a*	1	1	
Links, double *a*	2	2	
Pannels, numnah, drivers, Mark I, pairs	1	1	
Pans, oil	1	1	Annual supply.
Pieces, buckling, 1½-inch *b*	1	1	
Reins, bearing, Mark II *c*	1	1	
Reins, driving, long *d* .. sets	1	1	
Reins, side	1	1	
Rings, clip *d*	2	2	
Straps, back *d*	2	2	
Straps, breast, breeching *a*.. ..	1	1	
Straps, flank	2	2	
Straps, hame..	1	1	
Straps, pole *a*	1	1	
Straps, wither, 1½-in. *e*	1	1	
Traces, harness, short .. .. pairs	1	1	
Whips, drivers	2	2	
Whips, driving *d*	1	1	
Woolwich Section No. 6.			
Bits, bridoon	1	1	
Bits, ,, chains	2	2	
Bits, port-mouth, chains, curb ..	1	1	
Bits, port-mouth, hooks, curb ..	2	2	
Collars, head, Mark III	1	1	
Girths, leather, patt. '84	1	1	
Reins, bridoon	1	1	
Straps, shoe case, pattern '84	1	1	
Surcingles, leather, harness	1	1	

a Special to Pole Draught, R.A.
b 1-inch will be issued when stock of 1½-inch is exhausted.
c One leading rein in lieu of bearing rein per double set will be issued until store of leading reins is exhausted.
d Provided in order that the Artillery wagon may be driven from the box if required.
e 1-inch will be issued with "pieces, buckling, 1-inch

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Harness and Saddlery, Stable Necessaries and Equitation Articles.

TABLE 7.	Proportions.
HARNESS AND SADDLERY.	
Woolwich Section No. 5.	
Bags, nose, G.S.	1 per horse.
Bridles, mouthing, bits .. .. / heads, bridle / reins ..	2 per depôt.
Bridles, snaffle	6 per depôt.
Brushes, harness, hard	1 per double set of harness.
Brushes, horse	1 per horse. Supplied yearly on 1st April.
Combs, curry	1 per horse. Supplied yearly on 1st April.
Pickers, hoof	1 per N.-C. officer and man with mounted kit.
Sacks, corn, 4-bushel, canvas *a* ..	1 per 12 draught horses.
Scissors, trimming .. .. pairs	1 pair per 12 horses annually.
Sponges, 7-drachms	3 per riding horse, and 4 per draught horse. Supplied yearly on 1st April.
Straps, kicking *b*	1 per depôt.
Whips, hand	4 ,,
Whips, longeing	2 ,,

a The 5-bushel sacks now in possession should be continued in use until stock is exhausted.

b Special to pole-draught, R.A.

HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery, including Saddletrees, are given in Appendix XIV, Part 1, Equipment Regulations.

Materials for Repair and Preservation of Equitation Articles.

TABLE 8.	Per Depôt. R.H.A.	Per Depôt. R.F.A.	Remarks.
Woolwich Section No. 5.			
Sponges, 7-drachms	2	2	Annual supply.
Woolwich Section No. 6.			
Cord, whip .. .. ozs.	6	6	
Woolwich Section No. 11.			
Oil, rape .. .. .. pints	2	1	
Soap, soft *a* .. .. lbs.	6	5	
Woolwich Section No. 31.			
Linen, old (rags) .. .. lbs.	½	¼	

a ½ bar of hard soap may be drawn in lieu of every ¾ lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

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Carriages.

TABLE 9.	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service. *a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 13.			
Bars, supporting draught pole, No. 2, (spare)	—	1	1
Carriages, field, B.L. 12-pr. 6-cwt.	—	2	—
Carriages, field, B.L. 15-pr.	—	—	2
Cart *b*	—	1	1
Covers, wagon, Artillery	—	1	1
Handspikes, traversing, No. 1, Mark II (spare)	—	—	1†‡
Handspikes, traversing, „ 2 „ „	—	1	1§
Hoops, bale, wagon, artillery .. sets	—	1	1
Keys, limber, hook, No. 2 .. (spare)	—	1	1
Limbers, field, B.L. 12-pr. 6-cwt., carriage ..	—	2	—
Limbers, field, B.L. 15-pr., carriage	—	—	2
Pins, linch, 2nd class Mark II .. (spare)	1	2	2
Pins, linch, 2nd class wagon, artillery .. „	—	1	1
Poles, draught, No. 18 (jointed) „	—	1	—
Spanners, No. 176 .. .. „	—	—	1†
Swingletrees, Nos. 7A or 10A .. „	1	3	3
Wagons, artillery	—	1	1
Washers, drag, 2nd class, "C" Mark II (spare)	1	2	2
Washers, drag, wagon, artillery „	—	1	1
Wheels, 2nd class C, No. 35A .. „	—	1	1

54 Art. 9182

a Except ammunition.
b For fatigues.
† Mark 1* carriages.
‡ Mark II* carriages.
§ Mark III or Mark III* carriages.

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Tools for Painting Carriages, &c.
Triennial Supply, during Peace only.

TABLE 10.	Per Depôt. R.H.A.	Per Depôt. R.F.A.	Remarks.
Woolwich Section No. 5.			
Pans, oil	6	6	
Woolwich Section No. 7.			
Brushes, sable, writing, duck, large	2	2	
Cans, paint, 7½-in. diameter ..	1	1	
Cans, paint, 7 „ „ ..	1	1	
Knives, palette, 9-in.	1	1	
Knives, putty	1	1	
Woolwich Section No. 25.			
Brushes, paint,*a* ground 0 0 0 ..	1	1	
Brushes, paint,*a* sash tool, No. 2 ..	2	2	
Brushes, paint,*a* sash tool, „ 4 ..	1	1	
Brushes, paint,*a* sash tool, „ 6 ..	1	1	

a Supplied annually.

Materials for Painting Carriages.
Annual Supply during Peace only.

TABLE 11.	Paint Prepared — Khaki Colour. lbs.	Paint Prepared — Khaki Colour. ozs.	Putty. lbs.	Putty. ozs.	
Woolwich Section No. 13.					
Carriages, field, B.L., 12-pr., 6 cwt. or 15-pr.	5	12	0	8	¼ gill of raw linseed oil for side-arms, to each carriage.
57 Aldershot 6628 **Covers,** wagon, artillery ..	12	4	—	—	
Limbers, field, B.L., 12-pr., 6 cwt., or 15-pr.	5	8	0	8	
Poles, draught	0	5	0	1	
Wagons, artillery	15	0	2	0	
Wheels, 2nd class, "C" No. 35 or 35A	1	8	0	2	
Wheels, 2nd class, "C" „ 37.. ..	1	0	0	1	
Wheels, 2nd class, "C" „ 38.. ..	1	0	0	2	

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Time and Working Pay allowed for Scraping, Cleaning and Painting, Carriages, &c. *a*

TABLE 12.	Scraping and cleaning.		Painting.			
			Priming, or first coat.		Stopping, or second coat.	
	Time.	Amount.	Time.	Amount.	Time.	Amount.
Woolwich Section No. 13.	H. M.	s. d.	H. M.	s. d.	H. M.	s. d.
57 **Carriages,** field, B.L., 12-pr., 6 cwt. or 15-pr.	7 30	0 7½	5 0	0 7½	6 30	0 9¾
Aldershot **Covers,** wagon, artillery	—	—	4 0	0 4	—	—
6628 **Limbers,** field, B.L., 12-pr., 6 cwt. or 15-pr.	7 30	0 7½	5 0	0 7½	6 30	0 9¾
Wagons, artillery	13 0	1 1	13 0	1 7½	17 0	2 1½
Wheels, 2nd class, "C" No. 35, 35A or 36	0 40	0 0¾	0 50	0 1¼	1 0	0 1½
" 37 or 38A	0 25	0 0 5/12	0 40	0 1	0 45	0 1⅛

a See Part I Equipment Regulations.

Materials, Time and Working Pay allowed for Cleaning and Painting Ordnance.

TABLE 13.	Khaki colour, each coat.	Lacquer, for bore, each coat.	Cleaning exterior and interior.		Painting exterior and lacquering interior, one coat.	
			Time.	Amount.	Time.	Amount.
	lbs. ozs.	lbs. ozs.	H. M.	s. d.	H. M.	s. d.
Ordnance, B.L. 12-pr., 6 cwt.	0 6	0 1¾	2 0	0 2	0 30	0 0¾
15-pr.	0 7	0 2	2 0	0 2	0 30	0 0¾

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Camp Equipment.

TABLE 14.	B.L., 12-pr., 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service. *a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 2.			
Axes, felling, curved helve	1	2	2
Axes, pick, heads, 6½-lbs. ..	1	2	2
Axes, pick, helves, 34½-in. ..	1	2	2
Bags, picketing gear	1	2	2
Buckets, water, G. S., leather	4	8	8
Hooks, bill	1	2	2
Kettles, camp, oval, 12-quarts	—	*b*	*b*
Mallets, heel-peg, and small picket ..	2	4	4
Pads, surcingle, Mark II	—	*c*	*c*
Pegs, picketing, with rope loop, for heel rope ..	6	12	12
Pegs, picketing, with rope loop, for built-up rope ..	4	8	—
	3	—	6
Ropes, picketing, 4-ft. 9-in.	6	12	12
Rugs, horse, large *d*	—	2*d*	1*d*
Spades, N.P.	2	4	4
Woolwich Section No. 27.			
Blankets, G. S.	2	4	—
	4	—	8

a Except ammunition.
b 1 per 3 officers or 15 men.
c 1 per surcingle.
d For sick horses.

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Ordnance and General Stores.

TABLE 15.	B.L., 12-pr. 6 cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service. *a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 5.			
Brushes, water, carriage	1	2	2
Couples, trace	2	4	4
Woolwich Section No. 7.			
Chests, tool, filled, *b* — No. 3F	—	1	1
Chests, tool, filled, *b* — ,, 5A	—	1	1
Chests, tool, filled, *b* — ,, 7	—	1	1
Chests, tool, filled, *b* — ,, 10	—	1	1
Chests, tool, screw cutting, R.A., field, Whitworth thread, ¾-in. to ⅜-in. filled *b*	—	1	1
Chisels, ripping *c*	—	1	1
Cutters, wire	1	2	2
Cutters, springs, spare	2	4	4
Cutters, cutters, ,, ...	4	8	8
Drivers, screw, G.S. — 4-in.	1	2	2
Drivers, screw, G.S. — 9-in. *c*	—	1	1
Grindstone, F.S., 10-in.	—	1	1
Hammers, claw, 20-oz.	1	2	2
Hammers, riveting, 24-oz. *c*	—	1	1
Nail pullers	—	1	1
Pincers, carpenters' .. .. pairs	1	2	2
Spanners, McMahon, 15-in.	1	2	2
Tools, forge *d* .. .. .. sets	—	1	1
Tools, shoeing *d* .. .. ,,	—	4	4
Tools, tinman's .. .. ,,	—	1	1
Woolwich Section No. 10.			
Jacks, lifting, G.S.	—	1	1
Nails, horse shoe, (*see* Shoes, horse) ..	—	—	—
Shoes, horse *e* .. .. (spare) sets	—	—	—

54 Art. 8738

a Except ammunition.
b For contents of chests, *see* pages 7–15.
c Tools, opening packages.
d One set for each farrier and shoeing smith, including the set allowed with "Chest, tool, filled, No. 7," and one set spare for instructional purposes.
e One set of shoes and nails for each horse; of these a pair is carried in the shoe cases.

54 Gen. No. 1707

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service. *a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 11.			
Cylinders, paint, No. 3..	—	1	1
Grease, Field's .. .. .. lbs.	3	12	12
Mineral jelly *bc* .. .. .. ,,	—	3	3
Oil, olive, best quality, lubricating *cd* .. .. .. pints	—	2	2
Oil, Rangoon *d* .. .. .. ,,	—	10	10
Tallow, Russian *cd* .. .. lbs.	—	2	2
Woolwich Section No. 13.			
Holdalls, cleaning, materials *e* ..	—	2	2
Cans, lubricating, No. 9..	1	2	2
Cartouches, B.L., 12-pr. 6-cwt., limber *f*	2	4	—
Cartouches, B.L., 15-pr., limber *g* ..	2	—	4
Magazines, portable, B.L., 15-pr. and 12-pr. 6-cwt. cordite	2	4	4
Posts, aiming, blue disc .. .. / red ,, ...	2	4	4
Woolwich Section No. 17.			
Covers, bracket, telescopic, sight, B.L., 15-pr. and 12-pr.	1	2	2
Ordnance, B.L. 12-pr. 6-cwt.	—	2	—
Ordnance, B.L. 15-pr.	—	—	2

a Except ammunition.
b For protection of bore and breech fittings.
c Annual supply.
d For preservation of obturating pads.
e To replace "Cartouches, leather," when those on charge are used up.
f Mark I limbers.
g Marks I, II, and II* limbers.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service. *a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 17.—*contd.*			
FITTINGS (SPARE).			
Ordnance, B.L., 12-pr. 6-cwt., Mark I. bolts, elevating	—	1	—
bolts, stop	—	1	—
brackets, telescopic, sights, with two fixing screws, A and B ..	—	1	—
discs, pad, obturating, adjusting.. ..	1	2	—
discs, pad, obturating, protecting sets	1	2	—
levers, cam	—	1	—
pads, obturating	1	2	—
rings, carrier	—	1	—
screws, breech	—	1	—
vents, T, axial	1	2	—
APPURTENANCES AND IMPLEMENTS.			
Bits, vent, 14-in. *b*	1	2	—
Boxes, obturating pads and discs, B.L. 15-pr. and 12-pr., Mark II	1	2	—
Ordnance, B.L., Wrenches, breech, mechanism "A"	1	2	—

a Except ammunition.
b 11-in. to be retained until unserviceable.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service.*a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 17—contd.			
APPURTENANCES AND IMPLEMENTS—*continued.*			
Clamps, tangent sight, B.L. 15 and 12-pr., Mark II..	2	4	—
Rimers, vent, T	1	2	—
,, .. (spare)	1	2	—
Sights B.L. fore, 15 and 12-pr., Mark II ..	2	4	—
tangent, 12-pr. 6-cwt., Mark I gun	2	4	—
telescopic ,, ,, Mark III	1	2	—
FITTINGS (SPARE).			
Ordnance, B.L., 15-pr., Mark I, bolts, elevating	—	—	2
brackets, telescopic sights, (with 2 fixing screws, A and B) ..	—	—	2
discs, pad, obturating adjusting ..	1	—	2
discs, pad, obturating protecting sets	1	—	2
heads, axial	—	—	1
pads, obturating	1	—	2
rings, carrier	—	—	1
screws, breech	—	—	1
springs, clip carrier ring	3	—	6
vent, T, radial	1	—	2
washers, vent, T	2	—	4
Boxes, obturating, pads and discs, B.L., 15-pr. and 12-pr., Mark II	1	—	2
Drifts vent, 8-inch	1	—	2
Ordnance, B.L., 15-pr., Wrenches ratchet radial T-vent or Mark II radial T-vent *b* ..	1	—	2

a Except ammunition. *b* According to the mark of vent in use.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service.[a]	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 17—contd.			
APPURTENANCES AND IMPLEMENTS—*continued.*			
Clamps, tangent sight, B.L., 15-pr. Mark I* *b*, ,, I**c; 15 and 12 pr. Mark II*b*	2	—	4
Rimers, vent T	1	—	2
,, .. (spare)	1	—	2
Sights, B.L. fore, 15 and 12-pr., Mark II	2	—	4
Sights, B.L. tangent, 15-pr. Marks I*, I*a**, or III*b* .. .. .. Marks II*, II*a**, or IV*c*	2	—	4
Sights, B.L. telescopic, 15-pr., Mark III..	1	—	2
Woolwich Section No. 18.			
Brushes, breech, screw	1	2	2
Caps, sponge, No. 6	2	4	4
Cleaners, B.L., 15 and 12-pr. piasaba	1	2	2
Cleaners, B.L., 15 and 12-pr. wool	1	2	2
Cloths, sponge	—	20*d*	20*d*
Covers, breech, B.L. 12-pr. Mark I gun ..	1	2	—
Covers, breech, B.L. 15-pr. Mark I gun ..	1	—	2
Ropes, drag, light, G.S. .. .. pairs	1	2	2
Sponges, R.M.L., 13-pr., jointed ..	—	1	1
Woolwich Section No. 22.			
Implements, fuze, shell and cartridge Keys, fuze, universal	3	6	6
Lanyards, friction tube, field, T Mark I	2	4	4

a Except ammunition. *b* For Mark I guns or Mark I* or Mark III carriages. *c* For Mark I guns on Mark II* carriages. *d* Annual supply.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt., and 15-pr. Gun Carriages and Limbers. Packed as for Service.*a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.
Woolwich Section No. 25.			
Boards, inventory	—	1	1
Irons, branding, $\frac{3}{8}$-in. — figures, 0 to 8 .. sets	—	1	1
Irons, branding, $\frac{3}{8}$-in. — letters, alphabet .. ,,	—	1	1
Stamps, steel for copper, inlaid, $\frac{1}{2}$-in. — figures, 0 to 8.. ,,	—	2	2
Stamps, steel for copper, inlaid, $\frac{1}{2}$-in. — letters, 1 letter, alphabet	—	2	2
Stamps, steel for metal, $\frac{1}{8}$-in. — figures, 0 to 8 .. sets	—	2	2
Stamps, steel for metal, $\frac{1}{8}$-in. — letters, 1 letter, alphabet	—	2	2
Stamps, steel for wood, $\frac{3}{16}$-in. — figures, 0 to 8 .. sets	—	2	2
Stamps, steel for wood, $\frac{3}{16}$-in. — letters, 1 letter, alphabet	—	2	2
Stamps, steel for metal, $\frac{3}{16}$-in. — figures, 0 to 8	—	2	2
Stamps, steel for metal, $\frac{3}{16}$-in. — 1 letter (A or B) ..	—	2	—
Stamps, steel for metal, $\frac{3}{16}$-in. — 3 letters (R.F.A.) ..	—	—	2
Stamps, steel for metal, $\frac{3}{16}$-in. — 3 ,, (R.H.A.) ..	—	2	—
Stamps, steel for metal, $\frac{3}{16}$-in. — 5 ,, (Depôt) ..	—	2	2
DRILL AND INSTRUCTIONAL STORES.			
Woolwich Section No. 7.			
Spikes, marline	—	6	6
Woolwich Section No. 13.			
Lithographs, coloured, small, R.L. (fuzes and shells) .. .. sets	—	2	2
Woolwich Section No. 18.			
Cordage, hawser, 3-strand, white, 1-in. or $1\frac{1}{2}$-in., fine *b* ..	—	24	21

a Except ammunition. *b* For knotting.

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Ordnance and General Stores—*continued.*

TABLE 15—*continued.*	B.L., 12-pr. 6-cwt, and 15-pr. Gun Carriages. and Limbers. Packed as for Service.*a*	Per Depôt. R.H.A.	Per Depôt. R.F.A.	
DRILL AND INSTRUCTIONAL STORES—*continued.*				
Woolwich Section No. 22.				
Boxes, section of fuzes, No. 4 *b* ..	—	1	1	
Fuzes, drill, time and percussion, No. 56, Mark I *b*	—	24*c*	24*c*	75 / 7
Fuzes, section, time, and percussion, No. 56 before firing	—	1	1	6830
Fuzes, section, time, and percussion, No. 56 after firing	—	1	1	
Tubes, friction, T, drill	—	3	3	
Woolwich Section No. 22A.				
Shells, B.L., or Q.-F. Shrapnel, 12-pr., 12, 8, or 6-cwt., Mark V — empty ..	—	12	—	54
Shells, B.L., or Q.-F. Shrapnel, 12-pr., 12, 8, or 6-cwt., Mark V — filled sections	—	1	—	Arty.
Shells, B.L., or Q.-F. Shrapnel, 12-pr., 12, 8, or 6-cwt., Mark V — in parts ..	—	1	—	8923
Shells, B.L., Shrapnel, 15-pr., Mark V — empty ..	—	—	12	
Shells, B.L., Shrapnel, 15-pr., Mark V — filled sections	—	—	1	
Shells, B.L., Shrapnel, 15-pr., Mark V — in parts ..	—	—	1	
Shot, B.L., case, 15-pr., or 12-pr., Mark V, in parts	—	1	1	
Woolwich Section No. 31.				
Cordage, old, 2-in., or over *d*	—	12	12	

a Except ammunition.
b 3 steel washers, spare, per battery, are allowed for use with time and percussion drill fuzes.
c Burnt out fuzes will be used.
d Annual supply for splicing.

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Materials, Repairing Carriages, &c.

TABLE 16.

	Per Depôt. R.H.A. B.L., 12-pr. 6-cwt.	Per Depôt. R.F.A. B.L., 15-pr.	For what Purpose.	Remarks.
Woolwich Section No. 10.				
Nails, copper, rose head, strong, No. 451 .. .. lbs.	¼	½	General repairs.	
Nails, steel, brad, fine pointed, No. 26 .. .. ,,	⅛	¼	General repairs.	
Nails, steel, clasp fine, No. 72 .. .. .. ,,	¼	—	General repairs.	
Nails, steel, clasp strong, No. 80 .. .. .. ,,	¼	—	General repairs.	
Nails, iron, clout, wrought, countersunk head, No. 104 .. .. ,,	⅛	—	General repairs.	
Nails, wire, grooved 2-in... .. .. .. ,,	—	½	General repairs.	
Nails, wire, grooved 1½-in. .. .. .. ,,	—	½	General repairs.	
Screws, iron, flathead 2-in. gauge, No. 14 ..	6	6	General repairs.	
Screws, iron, flathead 1½ ,, ,, ,, 13 ..	6	6	General repairs.	
Screws, iron, flathead 1 ,, ,, ,, 12 ..	8	8	General repairs.	
Screws, iron, flathead ¾ ,, ,, ,, 10 ..	8	8	General repairs.	
Screws, brass, 1-in., gauge, No. 12	—	4	General repairs.	
Tacks, copper, No. 473 .. .. .. lbs.	¼	½	General repairs.	
Tacks, steel, cut, No. 192 .. .. .. ,,	¼	½	General repairs.	
Woolwich Section No. 11.				
Glue, best town made .. .. lbs.	½	1½	Boxes and general repairs.	
Oil, linseed, boiled .. .. pints	½	½	Elevating gear and working parts of carriage.	

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Paint, prepared for use: black, lamp, ... ozs.	2	4	Lettering batteries.	
Paint, prepared for use: lead, white, ... ,,	2	4	Painting discs of aiming posts.	
Paint, blue, ultramarine (dry) .. .. ,,	1	1	Painting discs of aiming posts.	
Paint, red, Chinese (dry) .. .. .. ,,	1	1	Painting discs of aiming posts.	
Turpentine, spirits of .. .. pints	$\frac{1}{8}$	$\frac{1}{8}$	Lettering batteries.	

Woolwich Section No. 13.

Bolts, with nuts, nave, 2nd class "C," No. 35A wheel, bevel head *a*	1	1	General repairs.	
Bolts, with nuts, nave, 2nd class "C," No. 35A wheel, square ,, *a*	1	1	General repairs.	
Bolts, with nuts, nave, 2nd class "C," No. 37 and 38A wheel *a* ..	1	1	General repairs.	
Bolts, with nuts, nave, 2nd class "C," No. 36 wheel *a*	2	4	General repairs.	
Bolts, with nuts, countersunk head, $\frac{1}{2}$ in. × 2 in...	2	—	General repairs.	
Bolts, with nuts, countersunk head, $\frac{1}{2}$ in. × 4 in...	—	6	General repairs.	
Iron, pieces, bolt, 2 ft. 8 in. × $\frac{1}{2}$ in.	—	1	General repairs.	
Iron, pieces, bolt, 2 ft. 8 in. × $\frac{7}{8}$ in.	1	—	General repairs.	
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × $\frac{3}{4}$ in.	1	—	General repairs.	
Iron, pieces, flat, 2 ft. 8 in. × 2 in. × $\frac{1}{2}$ in.	—	1	General repairs.	
Iron, pieces, plate, 1 ft. 6 in. × 6 in. (W. G., No. 12) ..	1	—	General repairs.	
Iron, pieces, tire, 12 in. × $2\frac{1}{2}$ in. × $\frac{1}{2}$ in.	1	1	General repairs.	
Keys, pole pin, No. 17 or 18 pole	1	1		
Locks, spring, box, ammunition	1	1		
Pins, pole, No. 17 and 18 pole	1	1		
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{3}{4}$ in.	—	3	General repairs.	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $1\frac{1}{8}$ in.	3	—	General repairs.	
Rivets, steel, boss head, $\frac{7}{16}$ in. × $\frac{3}{4}$ in.	3	—	General repairs.	
Rivets, steel, conical head, $\frac{3}{8}$ in. × 3 in.	2	2	Movable steels.	
Springs, seat, B.L., 15-pr. .. .. .. set	—	1		
Staples, lashing, riveting, $\frac{5}{16}$ in.	2	2		
Staples, lashing, with plate, single $\frac{5}{16}$ in.	1	1		

a According to the number of wheel in use in the depôt.

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Materials, Repairing Carriages, &c.—*continued.*

TABLE 16—*continued.*

	Per Depôt. R.H.A. B.L., 12-pr. 6-cwt.	Per Depôt. R.F.A. B.L., 15-pr.	For what Purpose.	Remarks.
Woolwich Section No. 13.—*contd.*				
Steels, movable, limber hook..	1	1		
Steels, movable, trail, eye, or perch..	1	1		
Straps, securing, 32 in. × 1 in., B.P C.B.	2	2	For blankets.	
Straps, securing, 13 in. × 1 in.	2	2	Pick axe, bill hook, drag washer, water brush.	
Woolwich Section No. 14.				
Keys, split, round, loop, $\frac{3}{8}$ in. × 4 in.	2	—		
Keys, split, round, loop, $\frac{3}{8}$ in. × $3\frac{1}{4}$ in.	—	2		
Keys, split, round, loop, $\frac{3}{16}$ in. × $2\frac{3}{4}$ in.	3	4		
Keys, split, round, loop, $\frac{1}{8}$ in. × $1\frac{1}{2}$ in.	3	—		
Keys, split, round, loop, $\frac{1}{4}$ in. × $3\frac{1}{2}$ in.	3	—		
Keys, split, round, loop, $\frac{1}{4}$ in. × $2\frac{1}{2}$ in.	—	4		
Keys, split, round, loop, $\frac{1}{16}$ in. × 1 in.	3	—		
Nuts, hexagon, $\frac{1}{2}$ in.	—	2	Footrests.	
Woolwich Section No. 19.				
Felloes, *a* No. 35A wheel ordinary..	1	1		
Felloes, *a* No. 35A wheel slip	1	1		
Felloes, *a* No. 37 wheel ordinary..	1	1		
Felloes, *a* No. 37 wheel slip	1	1		
Spokes, *a* No. 35A wheel back	1	1		
Spokes, *a* No. 35A wheel front	1	1		
Spokes, *a* No. 37 wheel	1	1		

a According to the number of wheel in use in the depôt.

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Army Books and Forms for Equipment.

TABLE 17.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy Note.
183	Regimental Equipment	Account Ledger.
281	„ repairs	Daily Work Book.
Forms.		
G 806	Ammunition gun practice, and for dismissal of recruits ..	Requisition.
G 815	„ small-arm	„
G 957	Accoutrements, materials for repairs	„
G 976	Carriages	„
G 980	Stores, materials for repair	Carriers' Note.
G 997	Equipment, general	Requisition.
G 1027	Materials for repairs	General Requisition.
G 1033	Issue and receipt voucher.	
G 1037	Harness, saddlery and materials for repair	Requisition.
G 1049	Expenditure, transfer and conversion voucher.	
P 1925	Expense voucher, G.S.	

NOTE.—Consumable stores for veterinary purposes are provided under Part I, Equipment Regulations.

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DETAILS OF EQUIPMENT.

RIDING ESTABLISHMENT, ROYAL FIELD ARTILLERY.

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Arms.

TABLE 1.	General Proportions.
Weedon Section.	
Scabbards, swords, Cavalry, patt. '99, Mark I. ...	1 per Cavalry sword.
Swords, cavalry, patt. '99	All ranks, except drivers.

Accoutrements.

TABLE 2.	General Proportions.
Woolwich Section No. 1.	
Bags, kit, mounted service	All ranks, 1 each.
Belts, waist, buff, Cavalry, patt. '85 S.S. ...	1 per staff-serjeant.
Belts, waist, buff, Cavalry, patt. '85 O.R. ...	All ranks—1 each.
Knots, sword, buff, G.S.	1 per staff-serjeant.
Knots, sword, buff, Cavalry, line, O.R.... ...	1 per Cavalry sword, other ranks.

Articles for Repair of Accoutrements.

TABLE 3.	No.	Remarks.
Woolwich Section No. 1.		
Billets, buff, waist-belt, cavalry, line, all ranks, without buckles	4	
Buckles, brass, waist-belt, Cavalry, patt. '85 ...	4	
Buttons, brass	4	
Chapes, waist-belt, Cavalry, patt. '85	4	
Hooks, brass, side, Cavalry, line	2	
Loops, brass, waist belt, Cavalry, patt. '85 ..	4	
Pieces, leather, buff, 4½ in. × ¾ in. (for waist-belt, safe, patt. '85)	4	
Pieces, leather, buff, 3 in. × ½ in. (for sword-knot)	2	
Safes, waist-belt, buff, Cavalry	2	
Short parts, waist-belt, Cavalry	4	

Musical Instruments.

TABLE 4.	General Proportions.
Woolwich Section No. 1	
Bugles	1 per trumpeter.
Strings, bugle and trumpet, Royal	1 per bugle and 1 per trumpet.
Trumpets	1 per trumpeter.

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Saddlery and Harness.

TABLE 5.	No.	Remarks.
SADDLERY.		
Woolwich Section No. 5.		
38407 Eqt. 1969 **Officers,** R.A. *a* ... ... sets	6	
Woolwich Section No. 6.		
Universal, R.A., steel arch, pattern '90 *a* sets	123	
Not in Vocabulary.		
Cape pattern ... ... ,,	10	
HARNESS.		
Woolwich Section No. 5.		
R.A. wheel, *a* near ... ... sets	1	
R.A. wheel, *a* off ... ... ,,	1	
Harness, for single brake ... ... ,,	1	
Harness, brake, double, lead ... ,,	1	
Harness, brake, double, wheel ... ,,	1	

a For details of sets of Saddlery and Harness, *see* Appendix VIII B, Part I, Equipment Regulations.

Stable Necessaries and Equitation Articles.

TABLE 6.	No.	General Proportions.
HARNESS AND SADDLERY.		
Woolwich Section No. 5.		
Bags, nose, G.S.	...	1 per horse.
Bridles, mouthing, bits	3	
Bridles, mouthing, heads, rein	3	
Bridles, mouthing, reins	3	
Bridles, snaffle	...	1 per horse.
Brushes, harness, hard	...	1 per double set of harness.
Brushes, horse	..	1 per horse, annually.
Cavisons	3	
Combs, curry	...	1 per horse, annually.
Crosstrees	3	
Pickers, hoof	...	All ranks—1 each.
Sacks, corn, 4-bushel, canvas	1	
Scissors, trimming ... ... pairs	...	1 pair per 12 horses annually.
Sponges, 7 drachms	...	3 per riding horse, and 4 per draught horse, annually.
Whips, hand	40	
Whips, longeing	6	

HARNESS AND SADDLERY, &c.

Materials for Repair of Harness and Saddlery are given in Appendix XIV, Part I, Equipment Regulations.

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Materials for Repair and Preservation of Equitation Articles.

TABLE 7.	No.	Remarks.
Woolwich Section No. 5.		
Sponges, 7 drachms	2	Annual supply.
Woolwich Section No. 6.		
Cord, whip ... ... ozs.	9	Annual supply.
Woolwich Section No. 11.		
Oil, rape ... ... pints	2	Annual supply.
Soap, soft *a* ... ... lbs.	6	
Woolwich Section No. 31.		
Linen, old (rags) ... ... lbs.	½	Annual supply

a ½-bar of hard soap may be drawn in lieu of every ¾-lb. soft, if preferred.

N.B.—No other materials than those given in this Table are considered necessary, the materials supplied for repairing the harness and saddlery generally being sufficient for casual repairs to the equitation articles also.

Camp Equipment.

TABLE 8.	No.	Remarks.
Woolwich Store Charge No. 2.		
Axes, felling, curved helve	2	

Ordnance and General Stores.

TABLE 9.	No.	Remarks.
Woolwich Section No. 7.		
Chests, tool, filled *a* — No. 3 F	1	
Chests, tool, filled *a* — No 5 A	1	
Chests, tool, filled *a* — No. 10	1	
Nail pullers	1	
Woolwich Section No. 10.		
Jacks, lifting, G.S.	1	
Woolwich Section No. 25.		
Irons, branding — figures 0 to 8, ⅝-inch ... ... sets	1	
Irons, branding — letters ⅝-inch, alphabet ... ... ,,	1	
Stamps, copper, inlaid — figures 0 to 8, ½-inch ,,	2	
Stamps, copper, inlaid — letters ½-inch *b* ,,	2	
Stamps, steel, for metal — figures 0 to 8, ⅛-inch ,,	2	
Stamps, steel, for metal — letters ⅛-inch *b* ,,	2	
Not in Vocabulary.		
Brakes, single	1	
Brakes, double	1	

a For contents of chests, *see* pages 7 to 14.
b Only letters that are required should be demanded.

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Army Books and Forms for Equipment.

TABLE 10.

Army No.	Subject.	Description.
Books.		
158	Transport	Convoy Note.
183	Regimental equipment	Account Ledger.
281	Regimental repairs	Daily Work Book.
Forms.		
G 815	Ammunition, small-arm	Requisition.
G 957	Accoutrements, materials for repairs ...	,,
G 980	Stores	Carrier's Note.
G 997	Equipment, general	Requisition.
G 1033	Receipt and Issue Voucher.	
G 1027	Equipment, materials for repairs ...	,,
G 1049	Expenditure, Transfer, and Conversion Voucher.	
G 1037	Harness and saddlery (materials for repair)	,,
P 1925	Expense Voucher.	

NOTE.—Consumable stores for veterinary purposes are provided for by the District Veterinary Officer, Woolwich, under Part I, Equipment Regulations.

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DETAIL OF CARRIAGES, WAGONS, &c.

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Wagon, Ammunition and Store, R.A. Mark II*	61
Wagon, Artillery, Mark I*	67

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CARRIAGES, FIELD, B.L., 12-pr. 6 cwt.

Description.	Marks I*.	Marks II.
COMPONENT PARTS.		
Axletrees, 2nd class, C, No. 89 .. .. steel	1	1
Bands, supporting axletree box, with bolt, bucket hook, set screws, and advance ring .. left „	1	1
Bands, supporting axletree box, with bolt, bucket hook, set screws, and advance ring .. right „	1	1
Bearings, brake shaft, left, M.B.	1	—
Bearings, brake shaft, right „	1	—
Bearings, handwheel, spindle upper, M.B., with rivet ..	1	—
Bearings, paul spindle, left .. M.B., with bolts	—	1
Bearings, paul spindle, right .. „ „ „	—	1
Bolts, tensile stay, with nut and split key .. .. steel	1	—
Boxes, axletree, left, steel, with spiral springs, and securing nut, with split keys	1	1
Boxes, axletree, right, steel, with spiral springs, and securing nut, with split keys	1	1
Boxes, T tubes, carriage, B.L., 15- and 12-pr. .. steel	1	—
Brackets, actuating screw brake gear front, M.B., with bolts & screws	1	—
Brackets, actuating screw brake gear rear, „ „ „	1	—
Brackets, aiming posts.. .. .. steel	1	—
Brackets, bearing, rocking shaft, brake gear, left .. .. metal	1	—
Brackets, bearing, rocking shaft, brake gear, right .. .. „	1	—
Brackets, brake arm, left .. .. steel	—	1
Brackets, brake arm, right.. .. .. „	—	1
Brackets, handwheel spindle .. .. M.B.	1	—
Brackets, hinge, front spring case, M.B.	1	1
Brackets, pawl, left; M.B., with bolts	1	—
Brackets, pawl, right „ „	1	—
Brackets, pawl, spring, spade attachment .. .. steel	1	1
Brackets, securing rear spring case, M.B.	1	—
Brackets, stop, lever releasing spade .. .. .. M.B.	—	1
Brackets, stay, supporting brake arm, left	—	1
Brackets, stay, supporting brake arm, right	—	1
Brackets, supporting, catch, brake gear	1	—
Brackets, supporting, oscillating bracket, G.M., with bolt	1	—
Brackets, tensile stay, left.. .. .. .. steel	1	—
Brackets, tensile stay, right .. .. .. „	1	—
Brackets, axletree, left, steel, with bolts and pin, with split key	—	1
Brackets, axletree, right, steel, with bolts and pin, with split key	—	1
Brackets, trail, left .. .. steel	—	1
Brackets, trail, right .. .. „	—	1
Capsquares, left .. .. „	1	1
Capsquares, right .. .. „	1	1
Carriage body, without fittings..	1	1
Clips, securing, handspike, steel spring, with bolts ..	1	1
Clips, securing, rammer, steel spring, with bolts ..	—	1
Eyes, trail, Nos. 20	1	—
Eyes, trail, Nos. 28	—	1
Flanges, axletree, left.. .. .. steel, with bolts	1	1
Flanges, axletree, right .. .. „ „ „	1	1
Handles, lifting	2	2
Handspikes, traversing, No. 2, mark II	1	—
Handspikes, traversing, No. 2, „ III	—	1

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I*.	Marks II.
COMPONENT PARTS—*continued.*		
Keys, capsquares, No. 20, left .. .. steel	1	—
,, 21, right .. .. ,,	1	—
,, 22 .. .. ,,	—	2
Lids, trail box, front, steel, with hinge and hasp	1	—
rear, ,, ,, ,, ...	1	—
Pieces, distance, tensile stay bolt .. .. .. steel	1	—
Pins, joint, capsquare, with split key .. .. ,,	2	2
linch, 2nd class .. .. ,,	2	2
securing, tensile stay, with split key .. .. ,,	2	—
tensile stay, rear, steel, with bevelled washer, nut and split key	—	1
Plates, boss, tensile stay bolt, left .. .. steel	1	—
boss, tensile stay bolt, right .. .. ,,	1	—
clip, axletree .. .. ,,	2	—
joint, handspike, socket .. .. .. ,,	1	—
locking, left .. .. ,,	1	1
locking, right .. .. ,,	1	1
securing, spanner .. .. ,,	1	—
Rings, packing, axletree arm .. .. .. plastic metal	2	2
Sockets, setting, time fuze .. .. metal	1	—
handspike, with pawl, spring, and bolts .. steel	1	1
Sole, trail .. .. ,,	1	1
Staples, lashing, aiming posts .. .. .. iron	1	—
lashing, riveting, $\frac{5}{16}$-in. .. .. .. ,,	3	—
securing handspike .. .. steel	1	—
Stays, tensile, ... ,,	—	2
tensile, left	1	—
tensile, right	1	—
Steels, movable, trail eye	1	—
Stops, handspike.. .. .. steel	1	—
Stops, McMahon, spanner .. .. ,,	1	—
Turnbuckles, with stud.. .. .. ,,	2	—
Washers, drag, 2nd class, "C".. .. .. ,,	2	2
Wheels, 2nd class, "C," No. 35A	2	2
Spade, attachment :—		
Blade, spade; steel, with G.M. socket, set screw, and split key	1	1
Cases, recoil, spring, front, inner, steel, with metal rings	1	1
Cases, recoil, spring, front, (guide and stop)	1	1
Cases, recoil, spring, front, outer, steel, with band hook ..	1	1
Cases, recoil, spring, rear; steel, with M.B. bracket, and fixing bolts	1	1
Discs, dividing springs .. .. G.M.	1	1
Discs, end of spring, lower.. .. .. steel	1	1
Discs, end of spring, upper .. .. ,,	1	1
Lever, releasing spade .. .. .. steel, with split key	1	1
Pawl, supporting spade .. .. .. steel, with spindle	1	1
Pins, hinge, spring case .. .. steel	1	1
Pins, locking releasing lever; steel spring, split with brass chain and S hooks	1	1

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I*	Marks II.
COMPONENT PARTS—*continued.*		
Plug, hinge, front spring case: M.B., with set screw and split key	1	1
Rod, rear springs; steel, in two parts, with split key ..	1	1
Ropes, wire; steel, with thimbles	2	2
Shackles, wire rope, large, steel, with bolt, nut, and split key ..	1	1
Shackles, wire rope, small, ,, ,, ,, ,, ..	2	2
Springs, pawl, supporting spade, in two parts, steel, flat	1	—
Springs, pawl, supporting spade, in two parts, ,,	—	1
Springs, spiral, recoil, front .. .. .. steel	2	2
Springs, spiral, recoil, rear .. .. .. ,,	2	2
Gear, brake:—		
Arms, brake, left; steel, with bolts, nut, and split key ..	1	—
Arms, brake, right ,, ,, ,, ,, ..	1	—
Arms, brake, left; steel, with shoe, with split key ..	—	1
Arms, brake, right; ,, ,, ,, ..	—	1
Blocks, brake, field and transport, Mark II .. cast iron	2	2
Bolts, connecting, brake arms; steel, with nut and split key	—	2
Bolts, connecting, supporting stays; steel, with nut and split key	—	2
Catch, supporting brake blocks .. .. .. steel	1	—
Couplings, connecting rods; steel, with pin and split key ..	2	—
Crosshead ,, ,, ,, ,, nuts ,, ,, keys .	1	—
Handles, actuating, ... steel	—	1
Handles, actuating, screw, front.. .. .. ,,	1	—
Handles, actuating, screw, rear .. .. .. ,,	1	—
Levers, rocking, centre, steel, with nut and split keys ..	1	—
Levers, rocking, steel, with cross-head and actuating nut	—	1
Levers, supporting brake blocks; steel, with bolt and split key	1	—
Nut, actuating screw .. .. M.B.	1	1
Pins, axis, rocking lever .. .. steel	—	1
Pins, supporting catch .. .. steel, with split key	1	—
Rods, actuating left; steel, with nut and split key ..	—	1
Rods, actuating right; steel, with removable fork, nuts, and split key	—	1
Rods, connecting brake shaft	2	—
Screw, actuating .. .. steel, with nuts and split keys	1	—
Shafts, brake; steel, with collar and bolt, two screws, with split key	1	—
Shafts, rocking .. .. steel	1	—
Shoes, brake block, left, right, with joint pin and split key, and locking pin, with chains	1	—
Shoes, brake block, left, right, with joint pin and split key, and locking pin, with chains		—
Spindles, brake shoe .. .. .. steel, with split key	2	—
Springs, disc, No. 62 .. .. steel	—	10
Springs, spiral, brake block .. .. .. ,,	2	—

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Carriages, Field, B.L., 12-pr. 6 cwt.—*continued.*

Description.	Marks I*	Marks II.
Component Parts—*continued.*		
Gear, brake—*continued.*		
Stays, supporting brake — arms; steel, with nut and split key ..	—	2
Stays, supporting brake — shaft, left, steel, with loops, collar, and bracket loop	1	—
Stays, supporting brake — shaft, right, steel, with loops, collar, and bracket loop	1	—
Stops, brake block, left, ... steel, with split key	1	—
Stops, brake block, right, ... „ „ „ „	1	—
Gear, elevating:—		
Bearings, oscillating bracket, left, ... M.B., with bolts	1	1
Bearings, oscillating bracket, right .. .. „ „ „	1	1
Bracket, oscillating; steel, with nut, driving bush, guard, and removable trunnion, with split key	1	1
Cap protecting elevating screw .. steel, with split keys	1	1
Guard, mitre wheels .. .. brass	1	—
Pinion, bevel, 20 teeth .. M.B., with split key	1	—
Pinion, bevel, 19 „ .. M.B., with split key	—	1
Screws, elevating, No. 2 — steel, in 2 parts (inner and outer), with stop and securing screw ..	1	—
Screws, elevating, „ 12 — steel, in 2 parts (inner and outer), with stop and securing screw ..	—	1
Spindles, handwheel, steel, with nut and split key, keep screw, and washer	1	—
Spindles, handwheel, steel, with collar, nut, and split key	—	1
Spindles, pinion .. .. steel	1	—
Wheels, bevel, 36 teeth .. .. M.B.	1	—
Wheels, bevel, 32 „ .. M.B., with two split keys	—	1
Wheels, hand.. .. .. G.M.	1	1
Wheels, mitre .. M.B., 16 teeth, with split key	2	—
Leatherwork.		
Caps, spring case	1	1
Caps, No. 9, lubricating can, D	—	1
Cases, rimer, vent, axial	1	—
Cases, vent bit, and rod	1	—
Pockets, breech brush	—	1
Pockets, fuze, key	1	1
Pockets, lanyard	1	1
Pockets, wire cutter	1	1
Straps, securing 9 in. × ¾ in. (oil-can case)	—	1
Straps, securing 10 in. × ¾ in. (aiming posts)	1	1
Straps, securing 13 in. × 1 in. (claw hammer)	—	1
Straps, securing 13 in. × 1 in. (pincers)	—	1
Straps, securing 13 in. × 1 in. (spanner, McMahon) ..	—	1
Straps, securing 18 in. × 1 in. (tampeon)	1	1
Straps, securing 22 in. × 1 in. D.L. (hand wheel) ..	1	1
Straps, securing 30 in. × ¾ in. double (cleaners)	3	2

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LIMBER, FIELD, B.L., 12-pr. 6 cwt., Mark I.

Description.	No.
COMPONENT PARTS.	
Axletrees, 2nd class, "C," No. 98 .. .. .. steel	1
Bars, supporting draught pole, No. 2	1
Boards, foot	1
Boards, platform	1
Boxes, telescopic sight .. .. steel	1
Boxes, grease, 3 lbs. .. .. tin	1
Brackets, axletree near .. .. steel	1
Brackets, axletree off .. .. ,,	1
Cans, lubricating, No. 3	1
Flanges, axletree .. .. steel	2
Futchels, inside, near .. .. ,,	1
Futchels, inside, off .. .. ,,	1
Futchels, outside, near .. .. ,,	1
Futchels, outside, off .. .. ,,	1
Hooks, limber, No. 13 .. .. iron	1
Hooks, bucket .. .. steel	1
Hooks, magazine (set of 4, set) .. .. ,,	1
Hooks, draught, near .. .. ,,	1
Hooks, draught, off .. .. ,,	1
Keys, pole pin, No. 17 pole, with chain .. .. iron	1
Keys, limber hook, No. 2 ,, ,, ... steel	1
Pins, pole, No. 17 pole .. .. iron	1
Pins, linch, 2nd class .. .. steel	2
Pins, securing axletree, with split key .. .. ,,	4
Plates, camp kettle, with hooks .. .. ,,	1
Plates, carrying lubricating can and grease box .. ,,	1
Plates, nib, pole.. .. .. ,,	1
Shelves, setting fuzes .. .. wood	1
Staples, lashing, common, $\frac{1}{4}$ in. .. .. .. iron	10
Staples, lashing, riveting, $\frac{5}{16}$,, ... ,,	2
Staples, lashing, with plate, double, $\frac{1}{4}$ in. .. ,,	1
Staples, lashing, with plate, single, $\frac{1}{4}$,, .. ,,	4
Staples, pole .. .. steel	1
Stays, futchel, front .. .. ,,	1
Stays, diagonal near .. .. ,,	1
Stays, diagonal off .. .. ,,	1
Steels, movable, limber hook	1
Washers, drag, 2nd class, "C" .. .. steel	2
Wheels, 2nd class, "C," No. 35A	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loops, clip, pole point.. .. .. iron	1
Plates, wrapping pole, with nails .. .. .. copper	1
Plates, pole pin .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 7A or 10A .. .. ,,	2

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Limber, Field, B.L., 12-pr. 6 cwt., Mark I.—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Boxes, ammunition—	
Parts of—	
Bands, guard iron .. .. steel	2
Bands, lid .. .. „	2
Blocks, securing projectiles, (set of 9) near .. .. .. wood	1
Blocks, securing projectiles, „ „ off .. .. .. „	1
Covers, unpainted .. .. canvas	2
Hinges	4
Holdalls, with straps, near .. .. leather	1
Holdalls, with straps, off .. .. .. „	1
Irons, guard, No. 9, near	1
Irons, guard, „ 10, off	1
Keys, guard iron, with chain and loop .. .. iron	4
Locks, spring, with handle and key	2
Plates, escutcheon .. .. iron	2
Plates, striking lock .. .. „	2
Slides, stay, lid, near .. .. P.B.	1
Slides, stay, lid, off .. .. „	1
Sockets, fixing time fuze .. .. metal	1
Stays, lid, near	1
Stays, lid, off	1
Staples, lashing, with plate, single, ¼ in. .. iron	8
Staples, lashing, with plate, single, 3/16 in. .. „	2
Staples, lashing, with plate, double, ¼ in... .. „	4
Staples, lashing, with plate, hand leathers .. „	2
Staples, lashing, with plate, spade, near .. „	1
Staples, lashing, with plate, spade, off .. .. „	1
Strap, lifting pad obturating .. .. .. leather	1
Strips, supporting projectile blocks, inner, near .. aluminium	1
Strips, supporting projectile blocks, inner, off .. .. „	1
Strips, supporting projectile blocks, outer .. .. .. „	2
Trays, projectile, large .. .. wood	2
Trays, projectile, small, near .. .. .. „	1
Trays, projectile, small, off .. .. .. „	1
Turnscrews, shell plug .. .. iron	1
Boxes, fuze, No. 20	2
Boxes, fuze, „ 21	1
Boxes, fuze, „ 28	1
LEATHERWORK.	
Cases, bill hook	1
Cases, drag washer	1
Cases, felling axe	1
Cases, lubricating can	1
Cases, water brush	1
Leathers, hand	2
Leathers, No. 9 guard iron	1
Leathers, „ 10 „ „	1

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Limber, Field, B.L., 12-pr. 6 cwt., Mark I—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Loops, felling axe	1
Pockets, key, spring lock	1
Pockets, „ fuze, universal	2
Straps, securing, 6 in. × ¾ in. (box, telescopic sight) ..	1
Straps, securing, 10 in. × 1 in. (camp kettle, handle) ..	1
Straps, securing, 10 in. × 1 in. double, with loop (pick-axe)	1
Straps, securing, 13 in. × ¾ in. (box, telescopic sight) ..	1
Straps, securing, 13 in. × ¾ in. (spades)	2
Straps, securing, 13 in. × 1 in. (billhook)	1
Straps, securing, 13 in. × 1 in. (drag washer)	1
Straps, securing, 13 in. × 1 in. (pickaxe)	1
Straps, securing, 13 in. × 1 in. (water brush)	1
Straps, securing, 18 in. × 1 in. (felling axe)	1
Straps, securing, 18 in. × 1 in. (pickaxe)	1
Straps, securing, 22 in. × 1 in. (spade handle)	2
Straps, securing, 26 in. × 1 in. (case, oil can)	1
Straps, securing, 26 in. × 1 in. (grease box, 3 lb.)	1
Straps, securing, 26 in. × 1 in. (swords)	2
Straps, securing, 26 in. × 1 in. (kit bags, R.A.	4
Straps, securing, 30 in. × 1 in. (drag ropes, pole bar, and swingletree)	2
Straps, securing, 32 in. × 1 in. B.P., C.B. (blankets) .	4
Straps, securing, 44 in. × 1 in. (camp kettle lid)	1
Straps, securing, 44 in. × 1 in. (picketing gear)	2
Straps, securing, 44 in. × 1 in. (portable magazine) ..	2
Straps, securing, 54 in. × 1 in. (box, telescopic sight) ..	1

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CARRIAGES, FIELD, B.L., 15-PR.

	Marks.			
	I.*	II.*	III and III*.	IV.
COMPONENT PARTS.				
Axletrees, 2nd class C, No. 37 .. .. steel	1	..	..	..
,, 89A .. .. ,,	..	..	1	1
,, 95 .. .. ,,	..	1	..	..
Bands, bucket hook with bolt, set screw, and advance ring, left ,,	..	1	1	1
Bands, bucket hook with bolt, set screw, and advance ring, right ,,	..	1	1	1
Bands, securing actuating screw bracket ,,	..	..	1*b*	..
Bearings, brake shaft, left, ... M.B.	1	1	1	..
Bearings, brake shaft, right .. .. ,,	1	1	1	..
Bearings, guide, left .. .. .. steel	..	1	..	..
Bearings, guide, right .. .. .. ,,	..	1	..	..
Bearings, pawl spindle, left, right, M.B., with bolts	..	..	..	1
Bearings, pawl spindle, left, right, M.B., with bolts	..	..	..	1
Bearings, trunnion .. .. steel	..	1	..	..
Bolts, capsquare .. .. ,,	..	4	..	..
Bolts, plate, clip, axletree with split key .. iron	8	..	..	..
Bolts, tensile stay, with nuts and split keys steel	1	1	..	..
Bolts, transom guides ,, ,, ,,	..	4	..	..
Box, ⊤ tubes, carriage, B.L., 15-pr. and 12-pr. ,,	1	1	1	..
Boxes, axletree, left, steel, with guard iron standard, spiral spring, and securing nuts, with split keys..	1	1	1	1
Boxes, axletree, right, steel, with guard iron standard, spiral spring, and securing nuts, with split keys..	1	1	1	1
Brackets, actuating screw, brake gear, front, M.B., with bolts and screws	..	1	1	..
Brackets, actuating screw, brake gear, rear .. M.B., with bolts	..	1	1	..
Brackets, actuating screw, brake gear, G.M., with bolts and screws	..	..	1*b*	1
Brackets, aiming posts, front .. .. .. steel	..	..	1	..
Brackets, aiming posts, rear .. .. .. ,,	..	..	1	..
Brackets, axletree .. .. ,,	..	2	..	..
Brackets, bearing rocking shaft, brake gear, left, right, gun metal, with bolts	1	1	1	..
Brackets, bearing rocking shaft, brake gear, left, right, gun metal, with bolts	1	..	1	..
Brackets, boss, plate locking, left .. .. .. steel	1	..	..	..
Brackets, boss, plate locking, right .. .. ,,	1	..	..	..
Brackets, brake arm, left .. .. ,,	..	..	..	1
Brackets, brake arm, right .. .. ,,	..	..	..	1
Brackets, hinge, front spring case, M.B., with bolts and split key	1	1	1	1
Brackets, pad, supporting, left .. .. .. steel	..	1	..	..
Brackets, pad, supporting, right .. .. .. ,,	..	1	..	..
Brackets, pawl, spring, spade attachment .. .. ,,	1	1	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, left .. ,,	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, inner, with set screw, right .. ,,	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer .. left .. ,,	..	..	1*a*	1
Brackets, seat and step, with pin and split key, and bolt with nut and split key, outer .. right .. ,,	..	..	1*a*	1

a Mark III carriage.
b Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

		Marks.			
		I.*	II.*	III and III.*	IV.
	Component Parts—*continued.*				
Brackets,	securing, seat, with pin and split key, inner, with screw, left steel	1	..	..	..
	securing, seat, with pin and split key, inner, with screw, right ,,	1	..	..	..
	securing, seat, with pin and split key, outer, left ,,	1	..	..	..
	securing, seat, with pin and split key, outer, right ,,	1	..	..	..
	securing, rear .. .. ,,	..	..	2*a*	2
	sliding, rear .. .. ,,	..	1	..	..
	spindle pinion, brake gear metal, with bolts	..	..	1*b*	..
	stop, lever releasing spade .. .. M.B.	..	..	..	1
	stay, supporting brake arm, left	..	..	1*b*	..
	stay, supporting brake arm, right	..	..	1*b*	..
	supporting catch, brake gear	1	1	..	..
	trunnion, left .. .. steel	1	..	1*a*	..
	trunnion, right .. .. ,,	1	..	1*a*	..
Buffers,	hydraulic, complete	..	1	..	..
	parts of—				
	Crosshead, piston rod, with taper pin, steel	..	1	..	..
	Cylinder .. .. ,,	..	1	..	..
	Glands, front, inner .. .. metal	..	1	..	..
	Glands, front, outer .. .. ,,	..	1	..	..
	Glands, rear.. .. .. .. ,,	..	1	..	..
	Packing cotton, plaited, half-inch square section, length of 28 inches .. lengths	..	1	..	..
	Pins, taper, crosshead .. .. .. steel	..	1	..	..
	Plates, parting volute springs, steel, with bush	..	1	..	..
	Plug, filling, hole, No. 1	..	1	..	..
	Rings, cotton packing .. .. metal	..	1	..	..
	Rings, leather ,, ... ,,	..	1	..	..
	Rings, packing (leather), U-section ..	..	1	..	..
	Rods, piston, with nut.. .. .. steel	..	1	..	..
	Screw, securing with split key .. ,,	..	2	..	..
	Springs, spiral .. .. .. P.B.	..	1	..	..
	Springs, volute .. .. .. steel	..	2	..	..
	Studs, spring .. .. ,,	..	1	..	..
	Washers, packing, gland .. leather	..	1	..	..
	Washers, packing, filling plug .. ,,	..	1	..	..
Capsquares .. .. steel		2*c*	2	2*c*	2*c*
Carriage body without fittings		1	1	1	1
Clip, securing, handspike, steel spring, with bolts		..	..	1	1
Clip, securing, rammer ,, ,, ,, ,,		..	..	..	1
Collars, tube, trail end .. .. .. iron		..	1	*b*	..
Collars, axletree .. .. steel		..	2	..	..
Collars, dividing buffer guides		..	2	..	..

a Mark III carriage. *b* Mark III* carriage.
c 1 left and 1 right.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Eyes, trail, No. 15	1	..	..	..
Eyes, trail, „ 16	..	1	..	..
Eyes, trail, „ 20	..	..	1	..
Eyes, trail, „ 28	..	..	..	1
Flanges, axletree, left steel	..	..	1*a*	1
Flanges, axletree, right „	..	..	1*a*	1
Guides, left „	..	1	..	..
Guides, right „	..	1	..	..
Handles, lifting	2	2	2	2
Handspike, traversing, No. 2, Mark II steel	..	..	1*a*	..
Handspike, traversing, No. 2, „ III „	..	..	..	1
Keys, capsquare, No. 15, steel, with chain	2	..	..	..
Keys, capsquare, „ 16, „ „	..	..	1	..
Keys, capsquare, „ 17, „ „	..	..	1	..
Keys, capsquare, „ 22, „ „	..	..	..	2
Lids, trail box	..	..	1*a*	1
Loops, carrying handspike iron	1	1	..	..
Pads, stop, breech, complete, with 1 india-rubber, and 2 leather strips, with steel plate, studs and split keys	1	..	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys left	..	1	..	..
Pads, supporting guide, with leather strips with steel plate, studs and split keys right	..	1	..	..
Pins, bracket, sliding, rear steel	..	1	..	..
Pins, joint, capsquare, with collar and split key steel	2	..	..	..
Pins, joint, capsquare, with split key „	..	..	2	2
Pins, keep, pin, bracket, sliding rear „	..	1	..	..
Pins, linch, 2nd class „	2	2	2	2
Pins, securing tensile stay, with split key „	2	..	..	..
Plates, angle, packing, elevating gear bearings, left „	1	..	..	..
Plates, angle, packing, elevating gear bearings, right „	1	..	..	..
Plates, clip, axletree „	2	..	..	..
Plates, joint, handspike socket „	..	..	1*a*	..
Plates, locking left „	1	..	1	..
Plates, locking right „	1	..	1	..
Plates, loop, handspike „	1	1	..	..
Plates, securing rear, spring case „	..	..	1*a*	..
Plates, tensile stay „	..	..	1*a*	..
Rings, packing, axletree arm, plastic metal	2	2	2	2
Sockets, guard-iron, standard iron	1	1	..	..
Sockets, handspike, steel	2	1	..	..
Sockets, handspike, „ with pawl spring and bolts	..	..	1	1
Sockets, setting time fuze metal	1	1	1	1

a Mark III carriages. *b* Mark III* carriages.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Soles, trail .. .. steel	1	1	1	1
Spanners, hyd. buffer, No. 59	..	1	..	..
Staples, bolt, tensile stay .. .. .. steel	1	..	..	..
double, securing handspike .. iron	1	..	..	..
lashing, aiming posts .. .. ,,	1	1	2	1
lashing, riveting, $\frac{5}{16}$-inch .. ,,	..	9	11	11
McMahon spanner .. .. steel	..	..	1*a*	1
pincers .. .. ,,	..	1	1*a*	1
securing handspike .. .. ,,	..	1	..	..
Stays, tensile, left .. .. .. ,,	1	1	..	..
Stays, tensile, right .. .. .. ,,	1	1	..	..
Stays, tubular guide.. .. .. .. ,,	..	1	..	..
Steps, sliding .. .. ,,	2	2	2	2
Stops, McMahon spanner .. .. .. ,,	1	..	1*a*	1
Stops, pincers and hammer.. .. .. ,,	..	..	2*a*	2
Stops, rammer .. .. ,,	..	..	..	1
Transom guide	..	1	..	..
Washers, drag, 2nd class, C .. .. .. steel	2	2	2	2
Wheels, 2nd class C, No. 35A	2	2	2	2
Spade attachment :—				
Blade, spade; steel, with G.M. socket, set screw, and split key	1	1	1	1
Cases, recoil spring, front, inner; steel, with metal rings (guide and stop) ..	1	1	1	1
Cases, recoil spring, front, outer; steel, with band hook	1	1	1	1
Cases, recoil spring, rear, steel, with M.B. bracket and fixing bolts..	1	1	1	..
Discs, dividing springs; .. .. .. G.M.	1	1	1	1
Discs, end of spring, lower; .. .. ,,	1	1	1	1
Discs, end of spring, upper; .. .. steel	1	1	1	1
Lever, releasing spade; .. steel, with split key	1	1	1*b*	..
Pawl, supporting spade; .. ,, ,, ,,	1	1	1*b*	1
Pins, hinge, spring case: .. .. .. steel	1	1	1	1
Pins, locking releasing lever; steel spring, split, with brass chains and S hooks	1	1	1	1
Plug, hinge, front spring case; M.B., with set screw and split key	1	1	1	..
Rod, rear spring; steel, in two parts, with split key	1	1	1	1
Ropes, wire; steel, with thimbles	2	2	2	2
Shackles, wire rope; steel, with bolt, nut, and split key .. .. large	1	1	1	1
Shackles, wire rope; steel, with bolt, nut, and split key .. .. small	2	2	2	2
Spindle, pawl, supporting spade; steel	1	1	1*b*	1

a Mark III carriage. *b* According to Mark of carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III and III.*	IV.
COMPONENT PARTS—*continued.*				
Spade attachment—*continued.*				
Springs, pawl, supporting spade, steel, flat, in two parts	1	1	1*a*	..
Springs, pawl, supporting spade, " flat ..	..	..	..	1
Springs, spiral, recoil, front; .. .. steel	2	2	2	2
Springs, spiral, recoil, rear; .. .. "	2	2	2	2
Gear, brake:—				
Arms, brake, left; steel, with bolt, nut, and split key,	1	1	1	..
Arms, brake, right; steel, with bolt, nut, and split key,	1	1	1	..
Arms, brake, left; steel, with shoe, with split key,	..	..	..	1
Arms, brake, right; steel, with shoe, with split key,	..	..	..	1
Blocks, brake, field and transport, Mark II ..	2	2	2	2
Bolts, connecting, brake arms .. .. steel,	..	..	..	2
Bolts, connecting, links, ... with nut	..	..	1*c*	1
Bolts, connecting, links, with feather, and split	..	..	1*c*	1
Bolts, connecting, supporting stays .. key,	..	..	..	2
Catch, supporting brake blocks; .. .. steel	1	1	1*a*	..
Couplings, connecting rods; steel, with pin and split key	2	2	2*a*	..
Crosshead, connecting rods; steel, with nuts and split keys	..	1	1*b*	..
Handles, actuating screw, front; .. steel	1	1	1*b*	..
Handles, actuating screw, rear; .. "	1	1	1*b*	..
Handles, " " .. .. .. "	..	..	1*c*	1
Levers, rocking, centre, steel, with nut and split keys ..	..	1	1*b*	..
Levers, rocking, centre, steel, with split key	1	..	..	..
Levers, rocking, side; steel, forked, with split key	1	1	1*b*	..
Levers, rocking, steel, with crosshead and actuating nut	..	..	..	1
Levers, supporting brake blocks, steel; with bolt and split key	..	1	1*a*	..
Levers, supporting brake blocks, steel; with screw and split key	1	..	..	..
Links, connecting, lower .. .. .. steel	..	..	1*c*	..
Links, connecting, upper .. .. .. "	..	..	1*c*	..
Nut, actuating screw; .. .. .. M.B.	1	1	1*b*	1
Pinion, bevel, steel, 12 teeth, with spindle, nut, and split key	..	..	1*c*	..
Pins, axis, rocking lever .. .. .. steel	..	..	..	1
Pins, lever, connecting rods; steel, with nut and split key	1	..	..	..
Pins, supporting catch; steel, with split key ..	1	1	1*b*	..

a According to Mark of carriage. *b* Mark III carriage. *c* Mark III* carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III. and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, brake—*continued.*				
Rods, actuating, left; steel, with nut and split key	..	..	..	1
Rods, actuating, right; steel, with removable fork, nuts, and split key	..	..	..	1
Rods, connecting, brake shaft; .. .. steel	2	2	2*a*	..
Screw, actuating steel, with nuts and split keys	1	1	1*b*	..
Screw, actuating „	..	..	1*c*	..
Shafts, brake; steel, with collar and bolt, and two screws, with split keys	1	1	1*a*	..
Shafts, rocking, steel	1	..	1	..
Shafts, rocking, „ with collar and split key	..	1	..	..
Shoes, brake block, left, with joint pin and split key and locking pin, with chains ..	1	1	1	..
Shoes, brake block, right, with joint pin and split key and locking pin, with chains ..	1	1	1	..
Spindles, brake shoe; .. steel, with split key	2	2	2	..
Springs, disc, No. 6 .. .. .. steel	..	..	..	10
Springs, spiral, brake block; .. .. „	2	2	2	..
Stays, supporting brake shaft, left; steel, with loop collar and bracket loop	1	1	1	..
Stays, supporting brake shaft, right; steel, with loop collar and bracket loop	1	1	1	..
Stays, supporting brake arms; steel, with nut and split key	..	..	..	2
Stops, brake blocks, left .. steel, with split key	1	1	1	..
Stops, brake blocks, right .. „ „ „	1	1	1	..
Wheel, bevel .. .. .. M.B., 32-teeth	..	..	1*b*	1
Gear, elevating:—				
Bearings, oscillating bracket, left; M.B., with bolts and guard, with split key	..	..	1	1
Bearings, oscillating bracket, left; .. .. M.B., with bolts	1	1	..	..
Bearings, oscillating bracket, right .. „ „	1	1	1	1
Bracket, oscillating, steel, with nut	1	1	..	..
Bracket, oscillating, „ „ driving bush, guard, and removable trunnion, with split key	..	..	..	1
Bracket, oscillating, steel, with nut, removable trunnion, and split key	..	..	1	..
Cap, protecting elevating screw; steel, with split key	..	..	..	1
Guards, bevel pinion; steel, with fixing screws	1	1	1	..
Pinion, bevel, 19-teeth; M.B., with split key	..	..	..	1
Pinion, bevel, 20 „ M.B., with split key	1	1	1	..
Screws, elevating, No. 5, steel, in two parts (inner and outer), with cap and split key ..	1	..	..	..
Screws, elevating, „ 6, steel, in two parts (inner and outer), with cap and split key ..	..	1	..	..

a According to Mark of carriage.
b Mark III* carriage. *c* Mark III carriage.

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Carriages, Field, B.L., 15-pr.—*continued.*

	Marks.			
	I.*	II.*	III. and III.*	IV.
COMPONENT PARTS—*continued.*				
Gear, elevating—*continued.*				
Screws, elevating, No. 11, steel, in two parts (inner and outer), with stop	..	..	1	..
Screws, elevating, „ 13, steel, in two parts (inner and outer), with stop and securing screw	..	..	..	1
Spindles, handwheel, steel, with nut and split key, keep screw, and washer	..	..	1	..
Spindles, handwheel, steel, with collar, nut, and split keys.. ..	..	..	..	1
Spindles, pinion, steel	..	..	1	1
Spindles, pinion, „ also for handwheel, with nut and split key	1	1	..	..
Wheels, bevel, 36-teeth; M.B., with steel feathers	1	1	1	..
Wheels, bevel, 52 „ „ „ two split keys	..	..	..	1
Wheels, bevel, 16 „ „ „ split keys ..	..	..	..	2
Wheels, hand; .. .. G.M.	1	1	1*a*	1
Wheels, mitre; M.B., 16-teeth, with split key ..	..	..	2	..
LEATHERWORK.				
Cap, spring case	1	1	1	1
Cases, can, lubricating, No. 9, B...	1	..	..	..
Cases, can, lubricating, „ 9, C...	..	1	..	..
Leathers, hand	2	2	2	2
Leathers, guard iron, arm	2	2	2	2
Leathers, guard iron, back	2	2	2	2
Leathers, guard iron, hip	2	2	2	2
Loops, drift and vent rimer	1	1	..	..
Pad, brake gear	1	1	1*b*	..
Pockets, breech brush	1	1	1	1
Pockets, fuze key (carriage)	1	1	1	1
Pockets, lanyard	1	1	1	1
Pockets, wire cutter	1	1	1	1
Straps, securing 10 in. × ¾ in. (post aiming)	1	1	1	1
Straps, securing 22 „ × ¾ „ B.P., C.B. (blankets)..	4	4	..	..
Straps, securing 24 „ × ¾ „ „ „ „ ..	..	..	4	4
Straps, securing 26 „ × ¾ „ (cleaners)	..	..	2	2
Straps, securing 30 „ × ¾ „ double (cleaners) ..	2	2	..	..
Straps, securing 13 „ × 1 „ (hammer, claw) ..	1	1	1	1
Straps, securing 13 „ × 1 „ (pincers)	1	1	1	1
Straps, securing 13 „ × 1 „ spanner, hydraulic buffer, No. 59 ..	..	1	..	..
Straps, securing 13 „ × 1 „ spanner, McMahon ..	1	..	1	1
Straps, securing 13 „ × 1 „ with piece (hand-spike traversing)..	1	1	..	..
Straps, securing 18 „ × 1 „ (tampeon)	1	1	1	1
Straps, securing 22 „ × 1 „ D.L. (wheel, hand)..	1	1	1	1
Straps, securing 22 „ × 1 „ (spanner, McMahon)	..	1	..	..
Ties, linch pin	2	2	2	2

a According to Mark of carriage. *b* Mark III carriage.

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LIMBERS, FIELD, B.L., 15-PR., MARKS I, II, AND II*.

Description.		No.
Component Parts.		
Axletrees, 2nd class, C, No. 38	steel	1
Bars, supporting draught pole, No. 2		1
Boards, foot		1
Boards, platform		1
Bolts, countersunk head, bevelled, $\frac{1}{2}'' \times 4''$, with nuts	iron	4
Bolts, countersunk head, bevelled, $\frac{1}{2}'' \times 2\frac{1}{2}''$	,,	4
Bolts, countersunk head, flat, $\frac{1}{2}'' \times 1\frac{7}{8}''$	,,	8
Bolts, hexagon head, $\frac{1}{2}'' \times 1\frac{3}{16}''$	,,	4
Bolts, hexagon head, $\frac{1}{2}'' \times \frac{7}{8}''$ Mark I limber	,,	4
Bolts, hexagon head, $\frac{1}{2}'' \times \frac{7}{8}''$,, II ,,	,,	8
Bolts, hexagon head, $\frac{1}{2}'' \times 1''$	,,	4
Boxes, telescopic, sight	steel	1*a*
Boxes, grease, half-round, 3-lbs.	tin	1
Brackets, futchel, near	steel	1
Brackets, futchel, off	,,	1
Brackets, pole	,,	1
Brackets, supporting shelves, setting fuzes, inside, near	,,	1
Brackets, supporting shelves, setting fuzes, inside, off	,,	1
Brackets, supporting shelves, setting fuzes, outside, near	,,	1
Brackets, supporting shelves, setting fuzes, outside, off	,,	1
Cans, lubricating, No. 3		1
Flanges, axletree, inside	steel	2
Flanges, axletree, outside, Mark I limber	,,	2
Flanges, axletree, outside, ,, II ,,	,,	2
Futchels, inside, near	,,	1
Futchels, inside, off	,,	1
Futchels, outside, near	,,	1
Futchels, outside, off	,,	1
Hooks, limber, No. 3	iron	1
Hooks, bucket	steel	1
Hooks, magazine (set of 4, set)	,,	1
Hooks, draught, near	,,	1
Hooks, draught, off	,,	1
Keys, pole pin; No. 17 pole	iron	1
Keys, limber hook, No. 2, with chain	steel	1
Loops, kicking strap, inner	steel, with bolts	1
Loops, kicking strap, outer	,,	1
Pins, pole, No. 17 pole	iron	1
Pins, linch, 2nd class	steel	2
Plates, angle, connecting, near	,,	1
Plates, angle, connecting, off	,,	1
Plates, camp kettle, with hooks	,,	1
Plates, carrying, lubricating can and grease box	,,	1
Plates, connecting, front	,,	1
Plates, connecting, rear	,,	1

a For carriage limbers only, except the ammunition wagon limber of "A" subdivision, which carries spare sight.

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
Plates, nib, pole .. .. steel	1
Sheives, setting fuzes, near .. .. wood	1
Sheives, setting fuzes, off .. .. ,,	1
Staples, lashing, $\frac{5}{16}''$ .. .. iron	2
Staples, lashing, $\frac{1}{4}''$ .. .. ,,	14
Staples, lashing, with plate, box, sight .. .. .. ,,	2
Staples, lashing, with plate, double .. .. ,,	3
Staples, lashing, with plate, single .. .. ,,	5
Stays, futchel, front, near .. .. ,,	1
Stays, futchel, front, off .. .. ,,	1
Stays, futchel, angle, centre .. .. steel	1
Stays, futchel, angle, rear, near .. .. ,,	1
Stays, futchel, angle, rear, off .. .. ,,	1
Steels, movable, limber hook	1
Washers, drag, 2nd class, C .. .. steel	2
Poles, draught, No. 17	1
Parts of—	
Irons, nib	1
Loops, clip, pole point .. .. iron	1
Plates, with nails, copper, wrapping pole	1
Plates, pole pin .. .. iron	2
Plates, bearing, pole bar .. .. steel	1
Swingletrees, No. 7A or 10A	2
Boxes, ammunition	1
Parts of—	
Bands, lid .. .. steel	2
Bands, guard iron .. .. ,,	2
Blocks, securing projectile, (set of 6) near wood, sets	1
Blocks, securing projectile, (set of 6) off .. ,, ,,	1
Covers, unpainted .. .. canvas	2
Hinges	4
Irons, guard, No. 9, near	1
Irons, guard, ,, 10, off	1
Keys, guard iron, with chain and loop .. .. .. iron	4
Locks, with key	2
Plates, angle, 4″ × 2½″ × 1″ .. .. iron	2
Plates, angle, 3½ × 2½″ × 1″ .. .. ,,	2
Plates, corner, front, near	1
Plates, corner, front, off	1
Plates, corner, rear, near	1
Plates, corner, rear, off	1
Plates, escutcheon .. .. iron	2
Plates, striking lock	2
Plates, striking .. .. steel	1
Sockets, fixing time and percussion fuze .. .. metal	1

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
Component Parts—*continued.*	
Boxes, ammunition—*contd.*	
Straps, lifting tube box .. .. .. leather	2
Stays, lid	2
Staples, spade .. .. steel	2
Staples, lashing, with plate, single, $\frac{1}{4}''$ .. iron	8
Staples, lashing, with plate, single, $\frac{3}{16}''$ .. ,,	2
Staples, lashing, with plate, treble, $\frac{1}{4}''$ .. ,,	2
Staples, lashing, with plate, hand leathers .. ,,	3
Strips, supporting projectile blocks, inner aluminium	2
Strips, supporting projectile blocks, outer ,,	2
Trays, projectile .. .. wood	2
Turnscrew, shell plug	1
Holdalls, with straps, near	1
Holdalls, with straps, off	1
Boxes, fuze, No. 18	2
Boxes, fuze, ,, 19	2
Wheels, 2nd class, C, No. 35A	2*a*
Leatherwork.	
Cases, bill hook	1
Cases, drag washer	1
Cases, felling axe	1
Cases, lubricating can, No. 3	1
Cases, water brush	1
Leathers, hand	3
Leathers, No. 9, guard iron	1
Leathers, ,, 10, ,, ...	1
Loops, felling axe	1
Loops, pick ,, ...	1
Pockets, key, lock	1
Pockets, key, fuze, universal	1
Straps, securing, 9 in. × $\frac{3}{4}$ in. (telescopic sight box)	1
Straps, securing, 13 ,, × $\frac{3}{4}$,, (,, ,, ,,)	1
Straps, securing, 13 ,, × $\frac{3}{4}$,, (spades)	2
Straps, securing, 10 ,, × 1 ,, (water brush)	1
Straps, securing, 10 ,, × 1 ,, (bill hook)	1
Straps, securing, 10 ,, × 1 ,, (handle, camp kettle) ..	1
Straps, securing, 13 ,, × 1 ,, (felling axe)	1
Straps, securing, 13 ,, × 1 ,, (pick ,,)	1
Straps, securing, 13 ,, × 1 ,, (drag washer)	1
Straps, securing, 18 ,, × 1 ,, (pick axe)	1

a In some cases Nos. 26 and 42 wheels have been issued.

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Limbers, Field, B.L., 15-pr., Marks I, II, and II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 22 in. × 1 in. (spade handles)	2
22 in. × 1 in. (swords)	2
26 ,, × 1 ,, (grease box, 3-lb.)	1
26 ,, × 1 ,, (case, oil can)	1
26 ,, × 1 ,, (kit bags, R.A.)	4
30 ,, × 1 ,, (drag ropes, pole bar, and swingletree)	2
32 ,, × 1 ,, B.P., C.B. (blankets)	4
44 ,, × 1 ,, (camp kettle, lid)	1
44 ,, × 1 ,, (portable magazines)	2
44 ,, × 1 ,, (picketing gear)	2
54 ,, × 1 ,, (box, telescopic sight)	1
Ties, linch pin	2

COMPONENT PARTS OF WAGON, AMMUNITION AND STORE, R.A., MARK II*.

Description.	No.
DETAIL OF WOODWORK.	
Body.	
Bars, stay, loading	1
Blocks, axletree	2
Boards, foot	1
Boards, head	1
Boards, partition	1
Boards, tail	1
Frames, bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	14
Bolsters, body, front	1
Bolsters, body, rear	1
Bolsters, wheel, plate, front	1
Bolsters, wheel, plate, rear	1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF WOODWORK—*continued.*	
Frames, bottom—*continued.*	
Earbeds, front	1
Earbeds, rear	1
Locker (complete)	1
Sides, near	1
Sides, off	1
Summers	2
Hoops, bale (set of 5) sets	1*a*
Seats, and box, driver's	1
Seats, with back	1
Sides, complete with 3 stud staves and 1 cleat, near	1
Sides, complete with 3 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Blocks, axletree	2
Bolsters, bottom	1
Bolsters, top	1
Bolsters, wheel, plate	1
Futchels, outside	2
Futchels, inside	2
Swingletrees, No. 10A	2
Poles, draught, No. 7A	1
WHEELS.	
Wheels, 2nd class, B, No. 28, fore	2*b*
Wheels, 2nd class, C, „ 35A, hind	2*b*
DETAIL OF IRONWORK.	
Body.	
Axletrees, 2nd class, C, No. 97 .. iron	1
Blocks, brake, field and transport, Mark II	2*c*
Boxes, grease, half round, 3 lbs.	2
Brackets, drag shoe iron	1
Brackets, spare wheel arm steel	1

a These articles are required with each complete wagon, but are charged separately and must be so demanded.

b Earlier issues of these wagons may be met with having:—
fore, No. 33 } wheels.
hind, „ 32 or 39 }
These will be replaced, as they become unserviceable, by Nos. 28 and 35A.

c For wagons fitted with South African brake.

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.	
COMPONENT PARTS—*continued.*		
DETAIL OF IRONWORK—*continued.*		
Buttons, cover board, main pin .. metal	2	
Chains, tailboard, with loops .. .. iron	2	
Clips, axletree .. .. ,,	2	
Collars, axletree, shoulder .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Collars, axletree, point .. .. ,,	2	Only required when running 2nd class B wheels on C axletrees.
Hasps, seat and box, drivers .. ,,	1	
Hasps, locker .. .. ,,	1	
Hinges, locker .. .. ,,	2	
Hinges, seat and box, drivers .. metal	2	
Hooks, bucket .. .. iron	1	
Hooks, drag chain .. .. ,,	1	
Hooks, chain, tailboard, with loop .. .. ,,	2	
Hooks, with plate, joint head and tailboards, plain .. ,,	3	
Hooks, with plate, joint head and tailboards, with keyway ,,	1	
Hooks, with plate, lashing .. .. .. ,,	12	
Irons, guard, seat, No. 30	2	
Irons, nib	4	
Joints, head board .. .. .. iron	2	
Joints, seat, with top .. .. .. ,,	2	
Joints, seat, with under .. .. ,,	2	
Joints, back, with hasp .. .. ,,	1	
Keys, with chain, split, flat, guard iron .. ,,	4	
Keys, with chain, split, flat, tailboard .. ,,	1	
Keys, with chain, head and tail .. .. ,,	4	
Keys, with chain, stay, joint, footboard .. ,,	2	
Loops, lashing, spare wheel.. .. ,,	2	
Loops, bar, loading, with chain .. ,,	1	
Pins, linch, 2nd class .. .. .. steel	2	
Pins, main, No. 24, with collar and key iron	1	
Plates, angle, strengthening, long.. .. ,,	2	
Plates, angle, strengthening, short .. ,,	2	
Plates, angle, strengthening wagon floor, near, with bolts, steel	1	
Plates, angle, strengthening wagon floor, off, with bolts, steel	1	
Plates, camp kettle with hooks .. .. ,,	2	
Plates, clip, bolster.. .. .. .. ,,	1	
Plates, clip, securing spare wheel arm, with bolts, near ,,	1	
Plates, clip, securing spare wheel arm, with bolts, off ,,	1	
Plates, clip, stay, joint, footboard.. .. ,,	2	

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
DETAIL OF IRONWORK—*continued.*	
Plates, for stay clip, boards, side, large .. steel	2
Plates, for stay clip, boards, side, small .. ,,	2
Plates, distinguishing .. .. cast iron	1
Plates, locking, body .. .. .. iron	1
Plates, locking, wheels .. .. .. ,,	1
Plates, pin, securing spare wheel arm, with screws steel	2
Plates, securing spare wheel arm, with key and chain .. .. steel	1
Plates, socket, guard iron .. .. .. iron	4
Plates, strap, joint, tailboard .. .. ,,	2
Plates, strengthening locker.. .. .. ,,	2
Plates, wrapping, head board .. .. ,,	2
Plates, wrapping, tail ,, ... ,,	2
Sockets, guard iron .. .. .. iron	4
Staples, bale hoop, bevelled .. ,,	12
Staples, bale hoop, plain .. .. ,,	8
Staples, clip, axletree .. .. ,,	4
Staples, joint, seat .. .. .. ,,	2
Staples, lashing, common .. ,,	5
Staples, lashing, with plate, double ,,	15
Staples, lashing, with plate, single ,,	18
Staples, lashing, with plate, ,, $\frac{5}{16}$-in. ,,	2
Staples, round crowned, small .. ,,	12
Staples, stud stave .. .. .. ,,	6
Stays, clip, bar, loading .. .. ,,	1
Stays, clip, partition board .. ,,	1
Stays, cross, axletree .. .. .. ,,	1
Stays, joint, footboard .. .. ,,	2
Stays, strengthening bolster .. .. ,,	1
Stays, T, axletree, complete .. .. ,,	2
Turnbuckles, head board .. .. ,,	1
Turnbuckles, locker .. .. .. ,,	1
Turnbuckles, seat and box, drivers.. ,,	1
Washers, drag, 2nd class, C.... .. ,,	2
Fore carriage.	
Axletrees, 2nd class, B, No. 33.. .. iron	1
Bollards .. .. ,,	2
Clips, axletree .. .. ,,	2

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.			No.
Hooks, draught, with bolt and nut		steel	2
Keys, pole pin, No. 7 and 7A pole		iron	1
Pins, pole, No. 7, pole B		,,	1
Pins, linch, 2nd class		steel	2
Plates, clip, bollard		iron	2
Plates, clip, bolster		,,	1
Plates, locking, wheel		,,	1
Plates, main pin		,,	1
Plates, strengthening,	futchel	,,	2
Plates, strengthening,	sweep bar	,,	1
Sockets, pole end		,,	1
Sockets, splinter bar		,,	2
Staples, clip, axletree		,,	4
Staples, lashing,	common, ¼-in.	,,	6
Staples, lashing,	round crowned, small	,,	2
Staples, pole		,,	1
Stays, cross axletree		,,	1
Stays, splinter bar		,,	4
Stays, T, axletree, complete		,,	2
Washers, drag, 2nd class, B		,,	2
Pole Draught.			
Loops, clip, pole point		iron	1
Plates, strengthening pole		,,	2
Plates, bearing, pole bar		steel	1
Leathers, fixture, cases,	billhook		1
Leathers, fixture, cases,	felling axe		1
Leathers, fixture, for,	spade		1
Leathers, fixture, for,	shovel		1
Leathers, fixture, thong, for locker			1
Straps, securing, 10-in. × 1-in.	(billhook)		2
Straps, securing, 13 ,, × 1 ,,	(felling axe)		2
Straps, securing, 13 ,, × 1 ,,	(reaping hook)		2
Straps, securing, 18 ,, × 1 ,,	(shovel)		1
Straps, securing, 18 ,, × 1 ,,	(spade)		1

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Wagon, Ammunition and Store, R.A., Mark II*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 22-in. × 1-in. (swords)	2
26 ,, × ¾ ,, B.P. (driver's seat)	1
26 ,, × 1 ,, (pickaxe).. ..	1
26 ,, × 1 ,, (grease boxes) ..	2
26 ,, × 1 ,, (camp kettles) ..	2
26 ,, × 1 ,, (swingletree) ..	2
30 ,, × 1 ,, (footboard) ..	2
30 ,, × 1 ,, (picketing gear)..	3
36 ,, × 1 ,, (draught pole, spare)	2
36 ,, × 1 ,, (spare shaft, cart, S.A.A.) ..	2
44 ,, × 1 ,, (camp kettles) ..	2
48 ,, × 1 ,, (lifting jack) ..	2*a*
Ties, linch pin	4
Covers, waterproof .. .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*

a In ammunition parks only.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.

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WAGON, ARTILLERY, MARK 1*.

Description.	No.
COMPONENT PARTS.	
DETAIL OF WOODWORK.	
Body.	
Boards, head	1
Boards, partition, front	1
Boards, partition, rear	1
Boards, tail	1
Blocks, axletree	2
Blocks, stay, spare wheel	1
Blocks, check	2
Frames bottom—	
Consisting of—	
Bar, cross	1
Boards, bottom	16
Bolsters, body	1*a*
Bolsters, wheel plate, front	1*a*
Bolsters, wheel plate, rear	1*a*
Earbeds, front	1
Earbeds, rear	1
Sides, near	1
Sides, off	1
Summers	2
Hoops, bale (set of 6) sets	1*b*
Raves, near	1
Raves, off	1
Seats, front	1
Seats, hind	1
Sides, complete, with 4 stud staves and 1 cleat, near	1
Sides, complete, with 4 stud staves and 1 cleat, off	1
Fore Carriage.	
Bars, splinter	1
Bars, sweep	1
Bolsters, bottom	1*c*
Bolsters, top, centre	1*a*
Bolsters, top, front	1*a*
Bolsters, top, rear	1*a*
Blocks, axletree	2
Futchels, inside	2
Futchels, outside	2
Poles, draught, No. 2	1
Swingletrees, No. 10A	2

a Bolsters of this description are required for both kinds of wagons, but differ in pattern.
b These articles are required with each complete wagon, but are charged separately, and must be so demanded.
c Articles, special, for wagons fitted with ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.		No.
COMPONENT PARTS—*continued.*		
DETAIL OF WOODWORK—*continued.*		
WHEELS.		
Wheels, 2nd class C, No. 37, fore		2
Wheels, 2nd class C, ,, 38, hind		2*a*
DETAIL OF IRONWORK.		
Body.		
Axletrees, 2nd class C, No. 40	steel	1
Boxes, grease, half round, 3-lbs. ..	tin	2
Bracket, drag shoe	steel	1
Buttons, cover board, main pin.. ..	metal	2
Chains, drag shoe, No. 17	iron	1
Chains, footboards, with loops ..	,,	2
Clips, axletree	,,	2
Hooks, drag shoe and chain	,,	1
Hooks, headboard	,,	2
Hooks, with plate, joint, head and tailboard, plain ..	,,	2
Hooks, with plate, joint, head and tailboard, with keyway	,,	2
Hooks, with plate, lashing, half round ..	,,	4
Hooks, with plate, lashing, ...		12
Irons, guard, seat, front		2
Irons, nib		4
Irons, scroll, front		2
Irons, scroll, rear		2
Joints, seat, hind	steel	2
Keys, split, flat, hook joint, head and tailboard, with chain ..	iron	2
Keys, head and tail, with chain ..	steel	4
Lubricators, ball, main pin	metal	1*b*
Pins, linch, 2nd class (special) ..	steel	2
Pins, main, No. 2, with collar and key	iron	1*c*
Pins, main, ,, 3, with metal ball, collar and key ..	steel	1*b*

a Will be replaced by wheel No. 38A when stock is used up.
b. Articles, special, for wagons fitted with ball and socket, main pin.
c ,, ,, ,, ,, ,, ordinary main pin and wheel plate.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Plates, distinguishing		iron	1
camp kettle, with hooks		,,	2
clip, bolster		,,	1*a*
locking wheels		,,	1
main pin		,,	1*a*
strap, joint	headboard	,,	2
	tailboard	,,	2
wrapping,	headboard	,,	2
	tailboard	,,	2
clip rave, with stays		steel	10
coupling, spring		,,	8
locking, body		,,	1
Screws, looped, No. 3, flat			32
Shoes, drag, No. 6		iron	1
Soles, drag shoe, No. 15		steel	1
Sockets, metal ball, main pin			1*b*
Springs, side, hind, with fittings		steel	2
spiral,	lubricating	,,	1*b*
	main pin	,,	1*b*
Staples, lashing, common,	¼-inch	iron	18
	$\frac{3}{16}$,,	,,	6
lashing, with plate,	double	,,	10
	single	,,	14
socket ball, main pin		,,	2*b*
balehoop,	driving	steel	8
	plain	,,	28
joint, seat		,,	2
rave		,,	10
stud stave		,,	8
Washers, drag, 2nd class (special)		iron	2
Fore Carriage.			
Axletrees, 2nd class C, No. 39		steel	1
Clips, axletree		iron	2
Hooks, draught, with bolt and nut		steel	2
Irons, scroll, front			2
rear			2
Keys, split, flat, with chain, pin pole		iron	1

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.			No.
COMPONENT PARTS—*continued.*			
DETAIL OF IRONWORK—*continued.*			
Pins, pole, with chain..		iron	1
Pins, linch, 2nd class (special) ..		steel	2
Plates, clip, bolster		iron	1*a*
Plates, friction, bolster		,,	2*b*
Plates, locking wheel..		,,	1*a*
Plates, main pin		,,	1*a*
Plates, clip, spring, plain		steel	2*b*
Plates, coupling, staple, bolster ..		,,	1*b*
Plates, locking bolster		,,	1*b*
Plates, strengthening sweep bar ..		,,	1
Sockets, pole end		iron	1
Sockets, splinter bar		,,	2
Springs, side, fore, with fittings ..		steel	2
Staples, bolster..		iron	2*b*
Staples, pole		,,	1
Staples, socket pole		,,	2
Staples, lashing, common, ¼-inch ..		,,	4
Stays, splinter bar, flat, long ..		steel	2
Stays, splinter bar, flat, short ..		,,	2
Stays, splinter bar, round		,,	2
Washers, drag, 2nd class (special) ..		iron	2
Pole.			
Loops, clip, pole point		iron	1
Plates, strengthening pole		,,	2
Plates, bearing, pole bar		steel	1
Chains, draught pole, No. 2		iron	2
LEATHERWORK.			
Leathers, fixture, cases, bill hook.. ..			1
Leathers, fixture, cases, felling axe ..			1
Leathers, fixture, for, sword			6
Leathers, fixture, for, spade			1
Leathers, fixture, for, shovel			1
Leathers, fixture, for, axe, pick long ..			1
Leathers, fixture, for, axe, pick short ..			1*b*
Leathers, fixture, for, maul			1

NOTE.—Wagons fitted with ordinary main pin and wheel plate take one more strap of 18″ × 1″ and one less of 26″ × 1″, and the additional fixture leather marked *c* consequent upon the altered position of carrying the pickaxe.

a Articles, special, for wagons fitted with ordinary main pin and wheel plate.
b ,, ,, ,, ,, ,, ball and socket main pin.

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Wagon, Artillery, Mark I*—*continued.*

Description.	No.
COMPONENT PARTS—*continued.*	
LEATHERWORK—*continued.*	
Straps, securing, 10 in. × 1 in. (bill hook) ..	2
10 in. × 1 in. (seat, driver's) ..	2
13 „ × 1 „ (felling axe) ..	2
13 „ × 1 „ (seats, when not in use)	2
18 „ × 1 „ (shovel)	1
18 „ × 1 „ (spade)	1
26 „ × 1 „ (pickaxe)	1*a*
26 „ × 1 „ (grease boxes) ..	2
26 „ × 1 „ (camp kettles) ..	2
26 „ × 1 „ (swingletrees) ..	2
36 „ × 1 „ (spare pole) ..	2
44 „ × 1 „ (camp kettles) ..	2
54 „ × 1 „ (lifting jack)	2
Covers, waterproof .. .. canvas	1*b*
Lashings, tarred, 1½-inch, 32 feet, wagon cover	2*b*
Lashings, tarred, 1-inch, 20 feet (spare wheel)	3

a See Note, page 70.
b These articles are required with each complete wagon, but are charged separately and must be so demanded.

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11-inch, R.M.L., of 25 tons. 1899. Price 1*s.* 6*d.*

10-inch, B.L. 1900. Price 3*s.*

10-inch, R.M.L., and Mountings. 1899. Price 1*s.*

9-inch, R.M.L., and Mountings. 1899. Price 1*s.* 3*d.*

8-inch, R.M.L., Howitzer of 46 cwt. (Mark I.) For Movable Armament or Armament of Works. 1900. Price 1*s.* 6*d.*

7-inch, R.M.L., of 6½ and 7 tons, on Sliding and Moncrieff Carriage, Land Service. Price 1*s.* 6*d.*

6·6-inch, R.M.L., Howitzer, on Bed and Ground Platform, or on Siege Travelling Carriage. 1899. Price 1*s.* 3*d.*

6-inch, B.L., Howitzer of 30 cwt. (Mark I.) 1899. Price 2*s.* 3*d.*

6-inch, B.L., Howitzer, 25 cwt. (Mark I.) 1899. Price 3*s.*

6-inch, Q.F. (Land Service.) 1898. Price 8*d.*

5·4-inch, B.L., Howitzer. (Mark I.) 1897. Price 1*s.*

5-inch, B.L., Howitzer. (Mark I.) 1901. Price 2*s.*

5-inch, B.L. (Marks II.—V.) (Land Service.) 1900. Price 1*s.* 3*d.*

4·7-inch Q.F., Land Service. 1898. Price 1*s.*

4-inch, B.L. (Marks V. and VI.) (Land Service.) 1899. Price 1*s.* 6*d.*

0·45-inch Maxim M.-H. Chamber Machine. Mounted on Carriages, Field, Machine Gun, and Parapet Mounting. 1893. Price 6*d.*

0·303-inch Maxim Machine Gun (Magazine Rifle Chamber). Mounted on Carriages, Field Machine Gun, Cavalry and Infantry, &c. 1901. Price 1*s.*

MAGAZINES AND THE PRESERVATION OF ARTILLERY MATÉRIEL &c. Regns. for. 1899. Price 9*d.*

MEKOMETER. Handbook. 1899. Price 6*d.*

MILITARY ACADEMY, ROYAL. Admission to. Regns. 1899. Price 1*d.*

MILITARY COLLEGE, ROYAL. Ditto.

MILITARY COLLEGE, ROYAL. Syllabus of Course of Instruction at. 1898. Price 3*d.*

POSITION FINDING INSTRUMENTS. Handbook. 1901. Price 3*d.*

RANGE FINDER. Depression. For Elevated Batteries. Handbook. Land Service. 1898. Price 3*d.*

RANGE-FINDING. Field. Manual. For Officers and Non-Commissioned Officers of the Horse and Field Royal Artillery. 1891. Price 1*s.*

BASHFORTH CHRONOGRAPH. Report on Experiments with. (1870.) Price 1*s.* **Final do.** (1878-80.) Price 2*s.* 3*d.*

SIGNALLING INSTRUCTIONS. 1898. Price 9*d.*

SMALL ARMS AND AMMUNITION. MILITARY. Text Book. Price 2*s.* 6*d.* (*Out of print.*)

SMALL WARS. Their Principles and Practice. By Major CALLWELL, R.A. New Edition. Price 5*s.*

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